

|            |                                           |   |
|------------|-------------------------------------------|---|
| SAK-Series | SAK-Series TS 35                          | A |
|            | SAK-Series TS 32                          | B |
|            | SAK-Series combination foot TS 35 + TS 32 | C |
|            | SAK-Series for special applications       | D |
|            | AKZ-Series TS 15                          | E |
|            | Multi-pole terminal strips                | F |
|            | KLBÜ shielded connection                  | G |
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|          |                                                               |   |
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## “SAK – A real classic that became synonymous with connection technology”



Weidmüller has an interesting story to tell about SAK terminals. SAK (German abbreviation for „side-by-side mountable terminals“) is the designation for a terminal that has proven itself on the market for more than 55 years. Using the side-by-side mounting principal, electrical terminals made of plastic replaced breakable porcelain constructions in switchgear cabinets. One could as a result say: „SAK was the first family of terminals in the world that helped the electrical industry make a technological breakthrough“.

Further developments of the terminals and passive connection technology form the Weidmüller group's traditional core business.

### **SAK wire connections – synonymous with reliable connections and product variety.**

This long-term experience in the market enabled many improvements to be made. Nobody can claim that any other terminal on this earth has had as much know-how put into it as the SAK.

A great deal of know-how has been put into the inconspicuous insulating body with „clamping function“ for electrical wires. This is because terminals have to withstand all kinds of unfavourable conditions. The connections system is chosen according to the respective application.

When looked at more closely, the demands made of an allegedly trivial component such as a terminal are considerable. Appropriately, the EN 60 947-7-1 defines terminals and cable connectors as equipment for connecting and joining electrical wires. Terminals can be mounted side-by-side or staggered, have two or several, independently functioning connection points, and are insulated both from one another and their mountings. They are mounted, for example, onto mounting rails.

Or

**“Once upon a time there was a company called Weidmüller that created the best terminals in the world using plastic and metal”.**

As well as joining the wiring, terminals are also equipped with further functions:

when fitted with markers, terminals make it possible to clearly arrange „electrical installations“. Moreover, they create a defined connection point that can be extended as required. From this point, the wiring is routed to individual devices in the switchgear cabinet or from the switchgear cabinet to the devices. Terminal blocks increase serviceability, because electrical measurements can be carried out on them, targeted circuits can be opened or protected with appropriate protective elements.

Furthermore, cross-connections can be used to distribute potentials.

A clamping yoke system is used for securing the wiring in SAK terminals (see figure 1). The tension clamp system optimally combines the specific features of steel and copper. This system has proven itself millions of times over in electrical installations: in rough and aggressive industrial atmospheres, in power stations, ships and railway vehicles as well as in building automation.

The clamping yoke and the terminal screw used in Weidmüller's clamping yoke system are made from case-hardened steel. The clamping yoke unit with a highstrength terminal screw produces the required contact force and presses the conductor against the busbar, which is made either of copper or high-quality brass. The latter being tin coated.

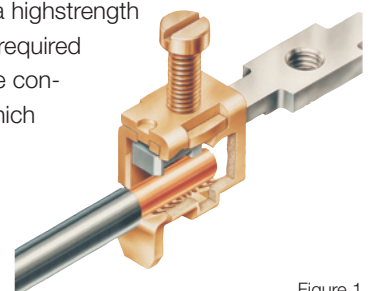


Figure 1

# High contact forces with the patented connection system



This ensures a „close fitting“ and permanent contact with a low contact resistance. A gas-tight, vibration-resistant connection is created between the conductor and the busbar.

Because even a very good electrically conducting material is only as good as the contact force applied. Weidmüller's patented connection system guarantees high contact forces. This means that it is predestined for use in corrosion-promoting environments; in addition, it is maintenance free. A further aspect is mounting and maintenance on an international scale, made possible by the world-renowned screw connection. One decisive factor for a perfect terminal is the insulating material.

In order to meet the demands placed on terminals, it is necessary to use different insulating materials that are tailor-made for the application – thermoplastic or thermosetting plastic. All insulating materials used by Weidmüller are free from noxious substances and contain no paint pigments based on cadmium. The SAK family especially offers the option of specifically coordinating the terminals with material requirements in mind. In this case, Weidmüller offers the same construction with different insulation materials.

## Plastics for terminals – thermoplastics and thermosetting plastics

Thermal plastics are a polyamide (PA), and are one of the most frequently used technical plastics. The advantage of this material is its good electrical and mechanical characteristics, its flexibility and its lack of fracture susceptibility. In addition, this material offers good fire resistance due to its chemical structure without the need for added flameproofing substances. Engineers speak of a so-called „inherent flame protection“. The continuous operating temperature of the SAK range is 100 °C, and at the same time offering V2 fire resistance according to UL 94.

Thermosetting plastics possess high dimensional stability, absorb a negligible amount of water, have a very high tracking resistance and excellent fire resistance. The continuous operating temperature is higher in comparison with that of thermoplastics. With increased thermal load, the dimensional stability of thermosetting plastics is better than that of thermoplastics. Their disadvantage: Thermosetting plastics have less flexibility in comparison with thermoplastics.

A further advantage of the SAK family is the large choice of different locking mechanisms. Its mounting rail designs (MR) offer the user the highest possible degree of convenience: TS 35 and TS 32 as well as a combi foot.

## Technical background to the screw connection

A spring element forms the basis for Weidmüller's clamping yoke. Turning the terminal screw expands the upper flank of thread slightly, and in so doing locks itself in position. This construction efficiently compensates all expansions in the diameter of the wire (temperature fluctuations).

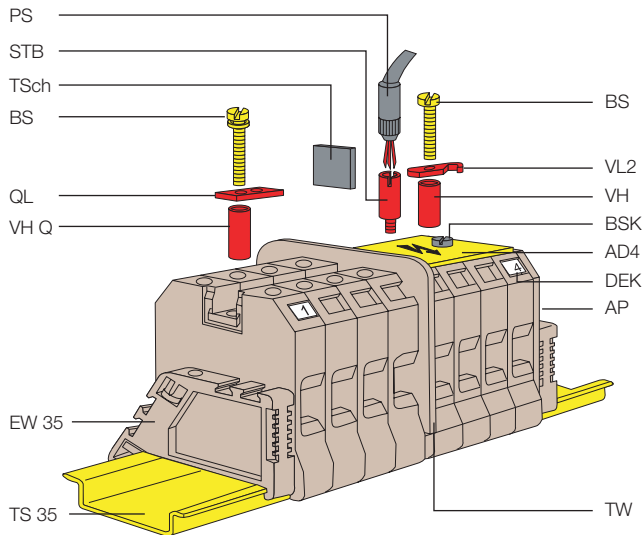
This has the following advantages:

of course the terminals age when in use; nevertheless, the terminal point does not yield. Consequently, it is not necessary to retighten the terminal screw at a later date nor does the wire become loose: it is resistant to vibration.

The voltage drop remains consistently low.

Weidmüller's technology is completely maintenance free.

Separating the electrical and mechanical functions means that we use steel for a high contact force, and the good electrical conducting properties of copper for a low voltage drop.



#### Legend

|              |                       |
|--------------|-----------------------|
| <b>PS</b>    | Test plug             |
| <b>STB</b>   | Test socket screw     |
| <b>TSch</b>  | Small partition       |
| <b>BS</b>    | Fixing screw          |
| <b>QL</b>    | Cross-connection link |
| <b>VH Q</b>  | Connection sleeve     |
| <b>EW 35</b> | End brackets          |
| <b>TS 35</b> | Mounting rail         |
| <b>VL</b>    | Connection link       |
| <b>BSK</b>   | Fixing screw          |
| <b>AD 4</b>  | Cover                 |
| <b>DEK</b>   | Markers               |
| <b>AP</b>    | End plate             |
| <b>TW</b>    | Partition             |

The construction of the clamping yoke has been designed in such a manner to ensure that the connection between the wire and the busbar is gas-tight. The surface of the connection must make up at least 75 % of the surface as a whole. Electricity is conducted with 100 % efficiency at these points, because increased resistances due to soiling of the connection points do not arise. The SAK family is designed for wire cross-sections from 0.08 mm<sup>2</sup> to 240 mm<sup>2</sup>.

#### A rundown on the SAK:

- PA 6.6, KrG  
Two different materials that can be used, depending on the application, at 100 °C or 130 °C.
- Three different types of clip-on foot for mounting rail designs 32, 35 or a combination of both.
- Maintenance free and vibration-resistant There is no need to check the terminal point, because the patented clamping yoke construction ensures that the screws remain captive in the terminal.

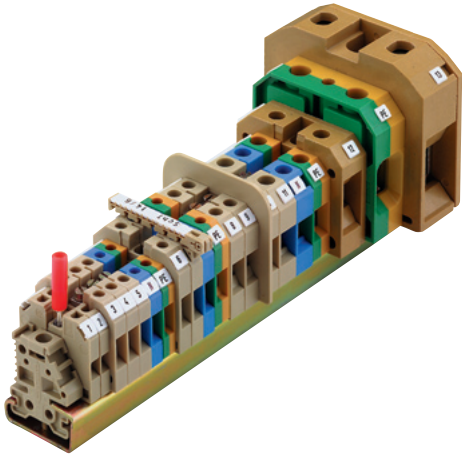
Separating the tasks completed by the components offers the following advantages:

- Low voltage drop and gas-tight enclosed (electrical components).  
Perfect busbars in combination with a special surface treatment in conjunction with a high interference-fit at the terminal point.
- High contact forces, not reliant on the cross-section (mechanical components).  
The clamping yoke is made of casehardened steel that, due to its design, can compensate any dimensional instability of the electrical wire.

# SAK-Series

The advantages of all SAK modular terminals:

- Separation of electrical and mechanical functions:
  - steel clamping yoke for the mechanical function
  - copper busbar for the electrical function
- Maintenance-free and vibration-proof screw connection
- Low voltage drop and gas-tight contact point
- High contact forces, not reliant on the cross-section
- Three different clip-on foot designs available
- Various insulation materials
- Large selection of special terminals with diverse connection systems
- Large range of accessories available



PA 6.6 material

Cross-sections from 0.5 mm<sup>2</sup> to 35 mm<sup>2</sup>

Combination foot TS 32 and TS 35 rail in one

Cross-sections from 0.5 mm<sup>2</sup> to 95 mm<sup>2</sup>

Special foot for TS 35

Temperature ranges and materials  
100 °C – PA 6.6  
130 °C – KrG

Special foot for TS 32

Product range

| Clamp type                          | Rated cross-section |       |       |        |        |        | Flat blade connection | Push-on connection | Spring connection | Solder connection |
|-------------------------------------|---------------------|-------|-------|--------|--------|--------|-----------------------|--------------------|-------------------|-------------------|
|                                     | 2.5 mm²             | 4 mm² | 6 mm² | 10 mm² | 16 mm² | 35 mm² |                       |                    |                   |                   |
| Modular feed-through terminals      |                     |       |       |        |        |        |                       |                    |                   |                   |
| PA 6.6 / TS 32                      | •                   | •     | •     | •      | •      | •      |                       | •                  | •                 | •                 |
| KRG / TS 32                         | •                   | •     | •     | •      | •      | •      | •                     | •                  | •                 | •                 |
| PA 6.6 / TS 35                      | •                   | •     | •     | •      | •      | •      |                       | •                  | •                 | •                 |
| KRG / TS 35                         | •                   | •     | •     | •      | •      | •      | •                     |                    |                   |                   |
| PA 6.6 / comb. foot                 | •                   | •     | •     | •      | •      | •      |                       |                    |                   |                   |
| PA 6.6 / TS 15                      | •                   | •     |       |        |        |        |                       | •                  |                   | •                 |
| Modular 2-tier terminals            |                     | •     |       |        |        |        |                       |                    |                   |                   |
| Modular PE terminals                |                     |       |       |        |        |        |                       |                    |                   |                   |
| PA 6.6 / TS 32                      | •                   | •     |       | •      | •      | •      |                       |                    |                   |                   |
| PA 6.6 / TS 35                      | •                   | •     | •     | •      | •      | •      |                       |                    |                   |                   |
| PA 6.6 / TS 15                      | •                   | •     |       |        |        |        |                       |                    |                   |                   |
| Modular fuse terminals              |                     |       |       |        |        |        |                       |                    |                   |                   |
| PA 6.6 / TS 32                      |                     |       |       | •      |        |        |                       |                    |                   |                   |
| PA 6.6 / TS 35                      |                     |       |       | •      |        |        |                       |                    |                   |                   |
| KrG / TS 32                         |                     |       |       | •      | •      |        |                       |                    |                   |                   |
| KrG / TS 35                         |                     |       |       | •      | •      |        |                       |                    |                   |                   |
| PA 6.6 / TS 15                      |                     | •     |       |        |        |        |                       |                    |                   |                   |
| PA 6.6 / comb. foot                 |                     | •     |       |        |        |        |                       |                    |                   |                   |
| Modular 2-tier fuse terminals       |                     |       |       |        |        |        |                       |                    |                   |                   |
| PA 6.6 / TS 32                      |                     | •     |       |        |        |        |                       |                    |                   |                   |
| PA 6.6 / TS 35                      |                     | •     |       |        |        |        |                       |                    |                   |                   |
| PA 6.6 / comb. foot                 |                     | •     |       |        |        |        |                       |                    |                   |                   |
| Modular disconnect terminals        |                     |       |       |        |        |        |                       |                    |                   |                   |
| TS 35                               |                     | •     |       | •      |        |        |                       |                    |                   |                   |
| PA 6.6 / TS 15                      |                     | •     |       |        |        |        |                       |                    |                   |                   |
| Modular 2-tier disconnect terminals |                     | •     |       |        |        |        |                       | •                  |                   |                   |
| Modular ceramic terminals           |                     | •     |       | •      |        |        |                       |                    |                   |                   |



# SAK-Series TS 35

|                                                            |      |
|------------------------------------------------------------|------|
| <b>SAK-Series TS 35</b>                                    |      |
| <b>Feed-through modular terminals</b>                      |      |
| TS 35 / PA                                                 | A.2  |
| TS 35 / KrG                                                | A.7  |
| <b>Terminals with spring-loaded cable clamps</b>           |      |
| TS 35 / PA                                                 | A.11 |
| <b>Two-tier modular terminals</b>                          |      |
| TS 35 / PA                                                 | A.12 |
| <b>Modular PE terminals</b>                                |      |
| TS 35 / PA                                                 | A.14 |
| <b>Disconnect terminals</b>                                |      |
| TS 35 / PA                                                 | A.18 |
| TS 35 / KrG                                                | A.20 |
| <b>Fuse terminals</b>                                      |      |
| TS 35 / PA                                                 | A.22 |
| TS 35 / KrG                                                | A.24 |
| Fuse inserts and gauge rings for Weidmüller fuse terminals | A.28 |
| <b>Installation terminals</b>                              |      |
| TS 35 / PA                                                 | A.30 |
| <b>Test-disconnect terminals</b>                           |      |
| TS 35 / KrG                                                | A.32 |
| <b>Terminals for temperature measuring circuits</b>        |      |
| TS 35 / PA                                                 | A.34 |
| <b>Terminals with screw-less connections</b>               |      |
| With tab connection TS 35 / PA                             | A.36 |
| With solder connection TS 35 / PA                          | A.40 |
| <b>Special terminals – SAKG</b>                            |      |
| TS 35 / KrG                                                | A.42 |
| <b>Stud Terminal – KST</b>                                 |      |
| TS 35 / PA                                                 | A.48 |
| <b>Terminals with electronic components</b>                |      |
| TS 35 / PA                                                 | A.50 |
| <b>Earth conductor isolating terminals</b>                 | A.57 |

## Feed-through modular terminals

## TS 35 / PA

Width/Length/height with TS35x7.5 mm  
 max. current / max. cond. cross-section A/mm<sup>2</sup>  
 Max. clamping range mm<sup>2</sup>

## Technical data

| Rated data                                       |                 |
|--------------------------------------------------|-----------------|
| Rated voltage                                    | V               |
| Rated current                                    | A               |
| Rated cross-section                              | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity       | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class   |                 |
| Approvals                                        |                 |
| Clamped conductors (H05V/H07V)                   |                 |
| solid / stranded                                 | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules       | mm <sup>2</sup> |
| Tightening torque range (clamping screw)         |                 |
| Stripping length / Blade size                    | mm/-            |
| 2 conductors with same cross-section (H05V/H07V) |                 |
| solid / stranded                                 | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules       | mm <sup>2</sup> |
| Note                                             |                 |

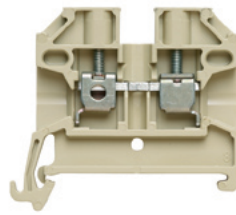
## Ordering data

| Version |       |
|---------|-------|
|         | beige |
|         | Blue  |
| Note    |       |

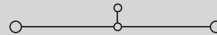
## Accessories

| Screwable cross-connection                                                                         |                                 |
|----------------------------------------------------------------------------------------------------|---------------------------------|
|                                                                                                    | 2-pole                          |
|                                                                                                    | 3-pole                          |
|                                                                                                    | 4-pole                          |
|                                                                                                    | 10-pole                         |
|                                                                                                    | Connecting sleeve               |
|                                                                                                    | Mounting screw                  |
|                                                                                                    | Lock washer                     |
| Switchable link                                                                                    |                                 |
|                                                                                                    | Switchable link                 |
|                                                                                                    | Connecting sleeve               |
|                                                                                                    | Mounting screw                  |
| Testing / Checking                                                                                 |                                 |
|                                                                                                    | Test plug                       |
|                                                                                                    | Socket                          |
| End plate / Partition plate                                                                        |                                 |
|                                                                                                    | beige                           |
|                                                                                                    | Blue                            |
|                                                                                                    | beige                           |
|                                                                                                    | Blue                            |
| Small partition                                                                                    |                                 |
|                                                                                                    | Small partition                 |
| Cover / warning label                                                                              |                                 |
|                                                                                                    | Cover / warning label           |
|                                                                                                    | Mounting screw (plastic)        |
| Marking systems                                                                                    |                                 |
|                                                                                                    | (see assortment in catalogue 7) |
|                                                                                                    | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

## SAKD 2.5/35

2.5 mm<sup>2</sup>

5 x 44 x 38  
 30 / 4  
 0.33...4



IEC 60947-7-1

| IEC | UL          | CSA         |
|-----|-------------|-------------|
| 500 | 300         | 300         |
| 24  | 20          | 20          |
| 2.5 | AWG 22...12 | AWG 22...12 |
|     | 6 / 3       |             |
|     | A2 / V2     |             |



## Rated connection

|                      |
|----------------------|
| 0.5...4 / 0.5...4    |
| 0.5...4 / 0.5...2.5  |
| 0.4...0.6 Nm (M 2.5) |
| 10 / 0.6 x 3.5 mm    |

|                         |
|-------------------------|
| 0.5...0.75              |
| 0.5...0.75 / 0.5...0.75 |

With twin ferrules ZH 0.5 to ZH 1.5, rated voltage is 690 V.

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| SAKD 2.5/35    | 100  | 0268860000 |
| SAKD 2.5/35 BL | 100  | 0268880000 |

| Type          | current | Qty. | Order No.  |
|---------------|---------|------|------------|
| Q 2 SAKD2.5N  | 24 A    | 50   | 0367800000 |
| Q 3 SAKD2.5N  | 24 A    | 50   | 0367900000 |
| Q 4 SAKD2.5N  | 24 A    | 50   | 0368000000 |
| Q 10 SAKD2.5N | 24 A    | 20   | 0368100000 |

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| Width                   |        |
|-------------------------|--------|
| PS 2.3 RT               | 5.4 mm |
| STB 8.5/D4/2.3/M2.5 AKZ | 50     |

|                |        |    |            |
|----------------|--------|----|------------|
| AP SAKD2.5N    | 1.5 mm | 20 | 0150960000 |
| AP SAKD2.5N BL | 1.5 mm | 20 | 0150980000 |
| TW SAKD2.5N    | 1.5 mm | 20 | 0191860000 |
| TW SAKD2.5N BL | 1.5 mm | 20 | 0191880000 |

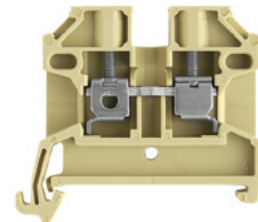
|                  |      |     |            |
|------------------|------|-----|------------|
| TSCH 3 SAKD2.5 N | 5 mm | 100 | 0366860000 |
|------------------|------|-----|------------|

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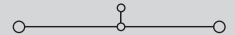
|                  |
|------------------|
| DEK 5/5 / SCHT 7 |
|------------------|

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## SAK 2.5

2.5 mm<sup>2</sup>

6.1 x 44.5 x 40  
 41 / 6  
 0.13...6



IEC 60947-7-1

Ex II II 2 G D

| IEC | UL          | CSA         | EN 60079-7 |
|-----|-------------|-------------|------------|
| 800 | 600         | 600         | 550        |
| 24  | 20          | 25          | 21         |
| 2.5 | AWG 22...12 | AWG 26...10 | 2.5        |
|     | 8 / 3       |             |            |
|     | A3 / V2     |             |            |



KEMA 97ATEX1798 U

## Rated connection

|                      |
|----------------------|
| 0.5...6 / 0.5...4    |
| 0.5...4 / 0.5...4    |
| 0.4...0.6 Nm (M 2.5) |
| 10 / 0.6 x 3.5 mm    |

|  |
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With twin ferrules ZH 0.5 to ZH 1.5, rated voltage is 690 V.

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| SAK 2.5/35    | 100  | 0380460000 |
| SAK 2.5/35 BL | 100  | 0380480000 |

| Type        | current | Qty. | Order No.  |
|-------------|---------|------|------------|
| Q 2 SAK2.5  | 41 A    | 50   | 0337000000 |
| Q 3 SAK2.5  | 41 A    | 50   | 0337100000 |
| Q 4 SAK2.5  | 41 A    | 50   | 0337200000 |
| Q 10 SAK2.5 | 41 A    | 20   | 0368700000 |

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| Width                   |        |
|-------------------------|--------|
| PS 2.3 RT               | 5.4 mm |
| STB 8.5/5/2.3/M3 SAK2.5 | 50     |

|              |        |    |            |
|--------------|--------|----|------------|
| AP SAK2.5    | 1.5 mm | 20 | 0279560000 |
| AP SAK2.5 BL | 1.5 mm | 20 | 0279580000 |
| TW SAK2.5    | 2.5 mm | 20 | 0302860000 |
| TW SAK2.5 BL | 1.5 mm | 20 | 0302880000 |

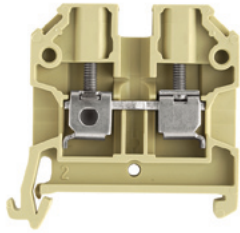
|        |      |     |            |
|--------|------|-----|------------|
| TSCH 1 | 2 mm | 100 | 0319160000 |
|--------|------|-----|------------|

|                  |  |     |            |
|------------------|--|-----|------------|
|                  |  |     |            |
| AD 3 SAK2.5      |  | 50  | 0297900000 |
| BFSC M3X22 PA/RT |  | 100 | 0128900000 |

|                  |
|------------------|
| DEK 5/6 / SCHT 7 |
|------------------|

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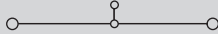
## SAK 4

4 mm<sup>2</sup>

6.5 x 45 x 44

41 / 6

0.13...6

IEC 60947-7-1 Ex e II  II 2 G D

| IEC     | UL          | CSA         | EN 60079-7 |
|---------|-------------|-------------|------------|
| 800     | 600         | 600         | 550        |
| 32      | 30          | 36          | 28         |
| 4       | AWG 22...12 | AWG 26...10 | 4          |
| 8 / 3   |             |             |            |
| A4 / V2 |             |             |            |

 KEMA 97ATEX1798 U

## Rated connection

0.5...6 / 0.5...4

0.5...4 / 0.5...4

0.5...1.0 Nm (M 3)

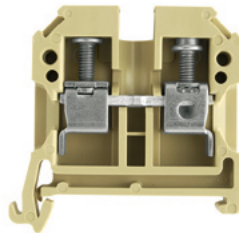
12 / 0.6 x 3.5 mm

1.5...1.5

0.5...1.5

With twin ferrules ZH 0.5 to ZH 2.5, rated voltage is 690 V.

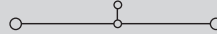
## SAK 6

6 mm<sup>2</sup>

8 x 45 x 44

57 / 10

0.33...10

IEC 60947-7-1 Ex e II  II 2 G D

| IEC     | UL         | CSA        | EN 60079-7 |
|---------|------------|------------|------------|
| 800     | 600        | 600        | 550        |
| 41      | 40         | 47         | 36         |
| 6       | AWG 22...8 | AWG 20...8 | 6          |
| 8 / 3   |            |            |            |
| A5 / V2 |            |            |            |

 KEMA 97ATEX1798 U

## Rated connection

0.5...10 / 0.5...6

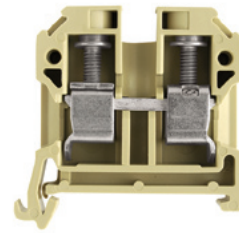
0.5...10 / 0.5...6

0.8...1.6 Nm (M 3.5)

12 / 4.0 x 0.8 mm

For AWG 8-7 and AWG 8-19, tightening torque is 1.21.4 Nm

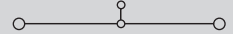
## SAK 10

10 mm<sup>2</sup>

10 x 45 x 51.5

76 / 16

1.5...16

IEC 60947-7-1 Ex e II  II 2 G D

| IEC     | UL         | CSA        | EN 60079-7 |
|---------|------------|------------|------------|
| 800     | 600        | 600        | 550        |
| 57      | 60         | 65         | 50         |
| 10      | AWG 14...6 | AWG 16...6 | 10         |
| 8 / 3   |            |            |            |
| B6 / V2 |            |            |            |

 KEMA 97ATEX1798 U

## Rated connection

1.5...10 / 1.5...16

1.5...16 / 1.5...10

2.0...4.0 Nm (M 4)

12 / 1.0 x 5.5 mm

When used with twin ferrules ZH 0.5 - ZH 4, the rated voltage is 690 V.

| Type        | Qty. | Order No.  |
|-------------|------|------------|
| SAK 4/35    | 100  | 0443660000 |
| SAK 4/35 BL | 100  | 0443680000 |

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| SAK 6/35 PA    | 100  | 0380560000 |
| SAK 6/35 PA/BL | 100  | 0380580000 |

With AWG 6 and H07V-R10 conductors, an increased MD torque of 1.4 to 1.6 Nm should be used.

| Type         | Qty. | Order No.  |
|--------------|------|------------|
| SAK 10/35    | 100  | 0443760000 |
| SAK 10/35 BL | 100  | 0443780000 |

A higher torque of 2 to 2.4 Nm is necessary when using H07V-R16 and AWG 6 conductors.

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 SAK4                | 41 A    | 50   | 0336700000 |
| Q 3 SAK4                | 41 A    | 50   | 0336800000 |
| Q 4 SAK4                | 41 A    | 50   | 0336900000 |
| Q 10 SAK4               | 41 A    | 20   | 0368800000 |
|                         |         |      |            |
|                         |         |      |            |
|                         |         |      |            |
| VL 2 SAK4               | 32 A    | 50   | 0197000000 |
| VH 19/5/3.5 SAK4-16     |         | 50   | 0285100000 |
| BFSC M3X25              |         | 100  | 0292500000 |
| Width                   |         |      |            |
| PS 4 F.STB 4            | 7.6 mm  | 20   | 0299600000 |
| STB 14/D5/2.3/M3 SAK2.5 |         | 50   | 0168600000 |
|                         |         |      |            |
| AP SAK4-10              | 1.5 mm  | 20   | 0117960000 |
| AP SAK4-10 BL           | 1.5 mm  | 20   | 0117980000 |
| TW 4 SAK4-10            | 1.5 mm  | 20   | 0130160000 |
| TW 4 SAK4-10 BL         | 1.5 mm  | 20   | 0130180000 |
|                         |         |      |            |
| TSCH 1                  | 2 mm    | 100  | 0319160000 |
|                         |         |      |            |
| AD 4 SAK4               |         | 50   | 0285300000 |
| BFSC M3X22 PA/RT        |         | 100  | 0128900000 |

DEK 5/6,5 / SHT 7

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| Q 2 SAK6N            | 32 A    | 50   | 0456700000 |
| Q 3 SAK6N            | 57 A    | 50   | 0456800000 |
| Q 4 SAK6N            | 57 A    | 50   | 0456900000 |
| Q 10 SAK6N           | 32 A    | 20   | 0457000000 |
|                      |         |      |            |
|                      |         |      |            |
|                      |         |      |            |
| VL 2 SAK6N/SAKT      | 32 A    | 50   | 0194700000 |
| VH 19/5/3.5 SAK4-16  |         | 50   | 0285100000 |
| BFSC M3X25           |         | 100  | 0292500000 |
| Width                |         |      |            |
| PS 4 F.STB 4         | 7.6 mm  | 20   | 0299600000 |
| STB 14/D6/4/M3 SAK10 |         | 50   | 0169900000 |
|                      |         |      |            |
| AP SAK4-10           | 1.5 mm  | 20   | 0117960000 |
| AP SAK4-10 BL        | 1.5 mm  | 20   | 0117980000 |
| TW 4 SAK4-10         | 1.5 mm  | 20   | 0130160000 |
| TW 4 SAK4-10 BL      | 1.5 mm  | 20   | 0130180000 |
|                      |         |      |            |
| TSCH 1               | 2 mm    | 100  | 0319160000 |
|                      |         |      |            |
| AD 4 SAK6N           |         | 50   | 0196600000 |
| BFSC M3X22 PA/RT     |         | 100  | 0128900000 |

DEK 5/8 / SHT 7

When used with twin ferrules ZH 0.5 - ZH 4, the rated voltage is 690 V.

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| Q 2 SAK10            | 57 A    | 50   | 0457100000 |
| Q 3 SAK10            | 57 A    | 50   | 0457200000 |
| Q 4 SAK10            | 57 A    | 50   | 0457300000 |
| Q 10 SAK10           | 57 A    | 20   | 0457400000 |
|                      |         |      |            |
|                      |         |      |            |
|                      |         |      |            |
| VL 2 SAK6/10/SAKB    | 32 A    | 50   | 0135900000 |
| VH 19/5/3.5 SAK4-16  |         | 50   | 0285100000 |
| BFSC M3X25           |         | 100  | 0292500000 |
| Width                |         |      |            |
| PS 4 F.STB 4         | 7.6 mm  | 20   | 0299600000 |
| STB 14/D6/4/M3 SAK10 |         | 50   | 0169900000 |
|                      |         |      |            |
| AP SAK4-10           | 1.5 mm  | 20   | 0117960000 |
| AP SAK4-10 BL        | 1.5 mm  | 20   | 0117980000 |
| TW 4 SAK4-10         | 1.5 mm  | 20   | 0130160000 |
| TW 4 SAK4-10 BL      | 1.5 mm  | 20   | 0130180000 |
|                      |         |      |            |
| TSCH 1               | 2 mm    | 100  | 0319160000 |
|                      |         |      |            |
| AD 4 SAK10           |         | 50   | 0178600000 |
| BFSC M3X22 PA/RT     |         | 100  | 0128900000 |

DEK 5/5

## Feed-through modular terminals

## TS 35 / PA

Width/Length/height with TS35x7.5 mm  
 max. current / max. cond. cross-section A/mm<sup>2</sup>  
 Max. clamping range mm<sup>2</sup>

## Technical data

| Rated data                                       |                 |
|--------------------------------------------------|-----------------|
| Rated voltage                                    | V               |
| Rated current                                    | A               |
| Rated cross-section                              | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity       | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class   |                 |
| Approvals                                        |                 |
| Clamped conductors (H05V/H07V)                   |                 |
| solid / stranded                                 | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules       | mm <sup>2</sup> |
| Tightening torque range (clamping screw)         |                 |
| Stripping length / Blade size                    | mm/-            |
| 2 conductors with same cross-section (H05V/H07V) |                 |
| solid / stranded                                 | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules       | mm <sup>2</sup> |
| Note                                             |                 |

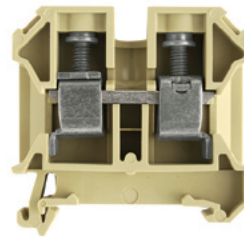
## Ordering data

| Version |       |
|---------|-------|
|         | beige |
|         | Blue  |
| Note    |       |

## Accessories

| Screwable cross-connection                                                                         |                                 |
|----------------------------------------------------------------------------------------------------|---------------------------------|
|                                                                                                    | 2-pole                          |
|                                                                                                    | 3-pole                          |
|                                                                                                    | 4-pole                          |
|                                                                                                    | 10-pole                         |
|                                                                                                    | Connecting sleeve               |
|                                                                                                    | Mounting screw                  |
|                                                                                                    | Lock washer                     |
| Switchable link                                                                                    |                                 |
|                                                                                                    | Switchable link                 |
|                                                                                                    | Connecting sleeve               |
|                                                                                                    | Mounting screw                  |
| Testing / Checking                                                                                 |                                 |
|                                                                                                    | Test plug                       |
|                                                                                                    | Socket                          |
| End plate / Partition plate                                                                        |                                 |
|                                                                                                    | beige                           |
|                                                                                                    | Blue                            |
|                                                                                                    | beige                           |
|                                                                                                    | Blue                            |
| Small partition                                                                                    |                                 |
|                                                                                                    | Small partition                 |
| Cover / warning label                                                                              |                                 |
|                                                                                                    | Cover / warning label           |
|                                                                                                    | Mounting screw (plastic)        |
| Marking systems                                                                                    |                                 |
|                                                                                                    | (see assortment in catalogue 7) |
|                                                                                                    | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

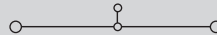
## SAK 16

16 mm<sup>2</sup>

12 x 50 x 57.5

76 / 16

2.5...16



| IEC 60947-7-1                                                                     |            | Ex e II    |                   |  | II 2 G D |
|-----------------------------------------------------------------------------------|------------|------------|-------------------|-----------------------------------------------------------------------------------|----------|
| IEC                                                                               | UL         | CSA        | EN 60079-7        |                                                                                   |          |
| 1000                                                                              | 600        | 600        | 690               |                                                                                   |          |
| 76                                                                                | 80         | 87         | 66                |                                                                                   |          |
| 16                                                                                | AWG 12...4 | AWG 14...6 | 16                |                                                                                   |          |
| 8 / 3                                                                             |            |            |                   |                                                                                   |          |
| B6 / V2                                                                           |            |            |                   |                                                                                   |          |
|                                                                                   |            |            | KEMA 97ATEX1798 U |                                                                                   |          |
|  |            |            |                   |                                                                                   |          |
| Rated connection                                                                  |            |            |                   |                                                                                   |          |
| 2.5...16 / 4...16                                                                 |            |            |                   |                                                                                   |          |
| 4...16 / 4...16                                                                   |            |            |                   |                                                                                   |          |
| 2.0...4.0 Nm (M 4)                                                                |            |            |                   |                                                                                   |          |
| 15 / 1.0 x 5.5 mm                                                                 |            |            |                   |                                                                                   |          |
|                                                                                   |            |            |                   |                                                                                   |          |
|                                                                                   |            |            |                   |                                                                                   |          |

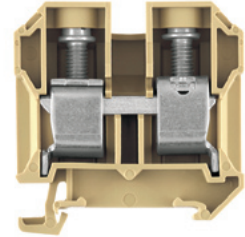
Twin wire end ferrules ZH 2.5 - ZH 16 can be used.

| Type                                                        | Qty. | Order No.  |
|-------------------------------------------------------------|------|------------|
| SAK 16/35 PA                                                | 50   | 0380660000 |
| SAK 16/35 PA/BL                                             | 50   | 0380680000 |
| If QIs are aligned side by side, then a TW/AP must be used. |      |            |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| Q 2 SAK16            | 76 A    | 50   | 0457500000 |
| Q 3 SAK16            | 76 A    | 50   | 0457600000 |
| Q 4 SAK16            | 76 A    | 50   | 0457700000 |
| Q 10 SAK16           | 76 A    | 20   | 0457800000 |
| Width                |         |      |            |
| PS 4 F.STB 4         | 7.6 mm  | 20   | 0299600000 |
| STB 14/D6/4/M3 SAK10 |         | 50   | 0169900000 |
| Width                |         |      |            |
| AP SAK16             | 1.5 mm  | 20   | 0271160000 |
| AP SAK16 BL          | 1.5 mm  | 20   | 0271180000 |
| Width                |         |      |            |
| TSCH 1               | 2 mm    | 100  | 0319160000 |
| Width                |         |      |            |
| AD 4 SAK16           |         | 50   | 0518200000 |
| BFSC M3X22 PA/RT     |         | 100  | 0128900000 |

DEK 5/5

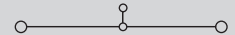
## SAK 35/35

35 mm<sup>2</sup>

18 x 58 x 60

150 / 50

2.5...50



| IEC 60947-7-1                                                                                                                                       |            | Ex e II    |  II 2 G D |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|----------------------------------------------------------------------------------------------|
| IEC                                                                                                                                                 | UL         | CSA        | EN 60079-7                                                                                   |
| 1000                                                                                                                                                | 600        | 600        | 550                                                                                          |
| 125                                                                                                                                                 | 105        | 145        | 109                                                                                          |
| 35                                                                                                                                                  | AWG 12...2 | AWG 12...2 | 35                                                                                           |
| 8 / 3                                                                                                                                               |            |            |                                                                                              |
| B8 / V2                                                                                                                                             |            |            |                                                                                              |
| KEMA 97ATEX1798 U                                                                                                                                   |            |            |                                                                                              |
| Rated connection                                                                                                                                    |            |            |                                                                                              |
| 2.5...16 / 4...50                                                                                                                                   |            |            |                                                                                              |
| 2.5...35 / 2.5...35                                                                                                                                 |            |            |                                                                                              |
| 4.0...5.0 Nm (M 6)                                                                                                                                  |            |            |                                                                                              |
| 18 / 6.5 x 1.2 mm                                                                                                                                   |            |            |                                                                                              |
| 2.5...10 / 10...16                                                                                                                                  |            |            |                                                                                              |
| 2.5...16 / 2.5...16                                                                                                                                 |            |            |                                                                                              |
| The tightening torque is 4.5 Nm for 16 - 50 mm <sup>2</sup> and AWG 6 - 2/7 stranded conductors. Twin wire end ferrules ZH 2.5 - ZH 16 can be used. |            |            |                                                                                              |

| Type                                                                           | Qty. | Order No.  |
|--------------------------------------------------------------------------------|------|------------|
| SAK 35/35                                                                      | 20   | 0380760000 |
| SAK 35/35 BL                                                                   | 20   | 0380780000 |
| It is possible to use twin ferrules with identical rated voltages (LAB 13090). |      |            |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| QL 2 SAK35           | 110 A   | 20   | 0123600000 |
| QL 3 SAK35           | 110 A   | 20   | 0123700000 |
| QL 4 SAK35           | 110 A   | 20   | 0123800000 |
| QL 10 SAK35          | 110 A   | 20   | 0338600000 |
| VH 17/8/5 SAK35      |         | 50   | 0267000000 |
| BFSC M4X30           |         | 50   | 0267100000 |
| SS M4 D 128-A 4      |         | 100  | 0136400000 |
| Width                |         |      |            |
| PS 4 F.STB 4         | 7.6 mm  | 20   | 0299600000 |
| STB 16/D7/4/M4 SAK35 |         | 50   | 0140200000 |
| Width                |         |      |            |
| AP SAK35/TW SAK16    | 1.5 mm  | 10   | 0303660000 |
| AP SAK35/TW SAK16 BL | 1.5 mm  | 10   | 0303680000 |
| TW SAK35             | 1.5 mm  | 20   | 0304360000 |
| Width                |         |      |            |
| AD 4 SAK35           |         | 50   | 0178700000 |
| BFSC M4X32 PA/RT     |         | 100  | 0129100000 |

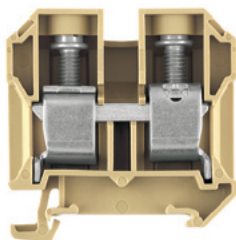
DEK 5/5 / SCHT 7

If QIs are aligned side by side, then a TW/AP must be used.

## SAK 35/35/IK

35 mm<sup>2</sup>

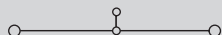
Hexagon socket head screw



18 x 58 x 60

150 / 50

2.5...50

IEC 60947-7-1 Ex e II  II 2 G D

| IEC     | UL         | CSA        | EN 60079-7 |
|---------|------------|------------|------------|
| 1000    | 600        | 600        | 550        |
| 125     | 105        | 145        | 109        |
| 35      | AWG 12...2 | AWG 12...2 | 35         |
| 8 / 3   |            |            |            |
| B8 / V2 |            |            |            |

KEMA 97ATEX1798 U

## Rated connection

2.5...16 / 4...50

2.5...35 / 2.5...35

4.0...6.0 Nm (M 6)

18 / S4 (DIN 6911)

2.5...10 / 10...16

2.5...16 / 2.5...16

The tightening torque is 4.5 Nm for 16 - 50 mm<sup>2</sup> and AWG 6 - 2/7 stranded conductors. Twin wire end ferrules ZH 2.5 - ZH 16 can be used.

| Type         | Qty. | Order No.  |
|--------------|------|------------|
| SAK 35/35/IK | 20   | 0582460000 |

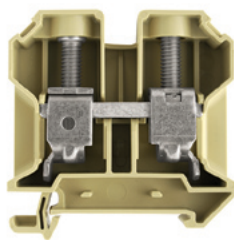
It is possible to use twin ferrules with identical rated voltages (LAB 13090).

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| QL 2 SAK35           | 99 A    | 20   | 0123600000 |
| QL 3 SAK35           | 99 A    | 20   | 0123700000 |
| QL 4 SAK35           | 99 A    | 20   | 0123800000 |
| QL 10 SAK35          | 99 A    | 20   | 0338600000 |
| VH 17/8/5 SAK35      | 50      | 50   | 0267000000 |
| BFSC M4X30           | 50      | 50   | 0267100000 |
| SS M4 D 128-A 4      | 100     | 100  | 0136400000 |
|                      |         |      |            |
| VL 2 SAK35           | 119 A   | 50   | 0124000000 |
| VH 24.5/8/5 SAK35    | 50      | 50   | 0298700000 |
| BFSC M4X35           | 50      | 50   | 0298900000 |
|                      |         |      |            |
| Width                |         |      |            |
| PS 4 F.STB 4         | 7.6 mm  | 20   | 0299600000 |
| STB 16/D7/4/M4 SAK35 | 50      | 50   | 0140200000 |
|                      |         |      |            |
| AP SAK35/TW SAK16    | 1.5 mm  | 10   | 0303660000 |
| AP SAK35/TW SAK16 BL | 1.5 mm  | 10   | 0303680000 |
| TW SAK35             | 1.5 mm  | 20   | 0304360000 |
|                      |         |      |            |
|                      |         |      |            |
|                      |         |      |            |
|                      |         |      |            |
| AD 4 SAK35           | 50      | 50   | 0178700000 |
| BFSC M4X32 PA/RT     | 100     | 100  | 0129100000 |

DEK 5/5

If QIs are aligned side by side, then a TW/AP must be used.

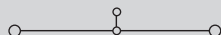
## SAK 35N/35

35 mm<sup>2</sup>

16 x 58 x 60

150 / 50

2.5...50



IEC 60947-7-1

| IEC     | UL         | CSA        |
|---------|------------|------------|
| 1000    | 600        | 600        |
| 125     | 105        | 120        |
| 35      | AWG 12...2 | AWG 12...2 |
| 8 / 3   |            |            |
| B8 / V2 |            |            |

KEMA 97ATEX1798 U

## Rated connection

2.5...16 / 4...50

2.5...35 / 1.5...35

4.0...5.0 Nm (M 6)

18 / 6.5 x 1.2 mm

2.5...10 / 10...16

2.5...16 / 2.5...16

The tightening torque is 4.5 Nm for 16 - 50 mm<sup>2</sup> and AWG 6 - 2/7 stranded conductors. Twin wire end ferrules ZH 2.5 - ZH 16 can be used.

| Type       | Qty. | Order No.  |
|------------|------|------------|
| SAK 35N/35 | 20   | 0608260000 |

It is possible to use twin ferrules with identical rated voltages (LAB 13090).

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| QL 2 SAK35N          | 110 A   | 50   | 0564900000 |
| QL 3 SAK35N          | 110 A   | 50   | 0565000000 |
| QL 4 SAK35N          | 110 A   | 50   | 0565100000 |
| QL 10 SAK35N         | 110 A   | 20   | 0565200000 |
| VH 17/8/5 SAK35      | 50      | 50   | 0267000000 |
| BFSC M4X30           | 50      | 50   | 0267100000 |
| SS M4 D 128-A 4      | 100     | 100  | 0136400000 |
|                      |         |      |            |
| Width                |         |      |            |
| PS 4 F.STB 4         | 7.6 mm  | 20   | 0299600000 |
| STB 16/D7/4/M4 SAK35 | 50      | 50   | 0140200000 |
|                      |         |      |            |
| AP SAK35/TW SAK16    | 1.5 mm  | 10   | 0303660000 |
| AP SAK35/TW SAK16 BL | 1.5 mm  | 10   | 0303680000 |
| TW SAK35             | 1.5 mm  | 20   | 0304360000 |
|                      |         |      |            |
|                      |         |      |            |
|                      |         |      |            |
|                      |         |      |            |
| AD 4 SAK35N          | 50      | 50   | 0576700000 |
| BFSC M4X32 PA/RT     | 100     | 100  | 0129100000 |

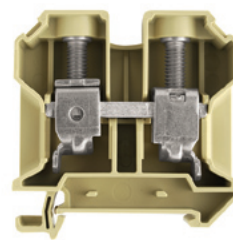
DEK 5/5

If QIs are aligned side by side, then a TW/AP must be used.

## SAK 35N/35/IK

35 mm<sup>2</sup>

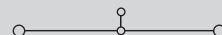
Hexagon socket head screw



16 x 58 x 60

150 / 50

2.5...50



IEC 60947-7-1

| IEC     | UL         | CSA        |
|---------|------------|------------|
| 1000    | 600        | 600        |
| 125     | 105        | 120        |
| 35      | AWG 12...2 | AWG 12...2 |
| 8 / 3   |            |            |
| B8 / V2 |            |            |

KEMA 97ATEX1798 U

## Rated connection

2.5...16 / 4...50

2.5...35 / 1.5...35

4.0...6.0 Nm (M 6)

18 / S4 (DIN 6911)

2.5...10 / 10...16

2.5...16 / 2.5...16

The tightening torque is 4.5 Nm for 16 - 50 mm<sup>2</sup> and AWG 6 - 2/7 stranded conductors. Twin wire end ferrules ZH 2.5 - ZH 16 can be used.

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| SAK 35N/35/IK | 20   | 0608360000 |

It is possible to use twin ferrules with identical rated voltages (LAB 13090).

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| QL 2 SAK35N          | 99 A    | 50   | 0564900000 |
| QL 3 SAK35N          | 99 A    | 50   | 0565000000 |
| QL 4 SAK35N          | 99 A    | 50   | 0565100000 |
| QL 10 SAK35N         | 99 A    | 20   | 0565200000 |
| VH 17/8/5 SAK35      | 50      | 50   | 0267000000 |
| BFSC M4X30           | 50      | 50   | 0267100000 |
| SS M4 D 128-A 4      | 100     | 100  | 0136400000 |
|                      |         |      |            |
| Width                |         |      |            |
| PS 4 F.STB 4         | 7.6 mm  | 20   | 0299600000 |
| STB 16/D7/4/M4 SAK35 | 50      | 50   | 0140200000 |
|                      |         |      |            |
| AP SAK35/TW SAK16    | 1.5 mm  | 10   | 0303660000 |
| AP SAK35/TW SAK16 BL | 1.5 mm  | 10   | 0303680000 |
| TW SAK35             | 1.5 mm  | 20   | 0304360000 |
|                      |         |      |            |
|                      |         |      |            |
|                      |         |      |            |
|                      |         |      |            |
| AD 4 SAK35N          | 50      | 50   | 0576700000 |
| BFSC M4X32 PA/RT     | 100     | 100  | 0129100000 |

DEK 5/5

If QIs are aligned side by side, then a TW/AP must be used.

## Feed-through modular terminals

## TS 35 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                       |                 |
|--------------------------------------------------|-----------------|
| Rated voltage                                    | V               |
| Rated current                                    | A               |
| Rated cross-section                              | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity       | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class   |                 |
| Approvals                                        |                 |
| Clamped conductors (H05V/H07V)                   |                 |
| solid / stranded                                 | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules       | mm <sup>2</sup> |
| Tightening torque range (clamping screw)         |                 |
| Stripping length / Blade size                    | mm/-            |
| 2 conductors with same cross-section (H05V/H07V) |                 |
| solid / stranded                                 | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules       | mm <sup>2</sup> |

## Note

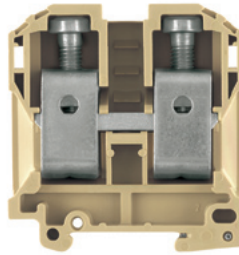
## Ordering data

| Version |       |
|---------|-------|
|         | beige |
|         | Blue  |
| Note    |       |

## Accessories

| Screwable cross-connection                                                                         |                                 |
|----------------------------------------------------------------------------------------------------|---------------------------------|
|                                                                                                    | 2-pole                          |
|                                                                                                    | 3-pole                          |
|                                                                                                    | 4-pole                          |
|                                                                                                    | 10-pole                         |
|                                                                                                    | Connecting sleeve               |
|                                                                                                    | Mounting screw                  |
|                                                                                                    | Lock washer                     |
| Switchable link                                                                                    |                                 |
|                                                                                                    | Switchable link                 |
|                                                                                                    | Connecting sleeve               |
|                                                                                                    | Mounting screw                  |
| Testing / Checking                                                                                 |                                 |
|                                                                                                    | Test plug                       |
|                                                                                                    | Socket                          |
| End plate / Partition plate                                                                        |                                 |
|                                                                                                    | beige                           |
|                                                                                                    | Blue                            |
|                                                                                                    | beige                           |
|                                                                                                    | Blue                            |
| Small partition                                                                                    |                                 |
|                                                                                                    | Small partition                 |
| Cover / warning label                                                                              |                                 |
|                                                                                                    | Cover / warning label           |
|                                                                                                    | Mounting screw (plastic)        |
| Marking systems                                                                                    |                                 |
|                                                                                                    | (see assortment in catalogue 7) |
|                                                                                                    | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

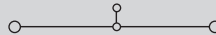
## SAK 70/35

70 mm<sup>2</sup>

22 x 75 x 87

192 / 70

16...70



IEC 60947-7-1

| IEC  | UL          | CSA         |
|------|-------------|-------------|
| 1000 | 600         | 600         |
| 192  | 150         | 150         |
| 70   | AWG 4...2/0 | AWG 4...2/0 |
|      | 8 / 3       |             |
|      | B11 / V2    |             |



## Rated connection

|                    |
|--------------------|
| 16...16 / 16...70  |
| 16...70 / 16...35  |
| 6.0...12 Nm (M 8)  |
| 24 / S6 (DIN 6911) |

Tightening torque for 70 mm<sup>2</sup> stranded = 12 Nm.

| Type      | Qty. | Order No.  |
|-----------|------|------------|
| SAK 70/35 | 10   | 0139160000 |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| QL 2 SAK70           | 192 A   | 20   | 0345300000 |
| QL 3 SAK70           | 192 A   | 5    | 0167000000 |
|                      |         |      |            |
| VH 30.5/11/5.5 SAK70 |         | 20   | 0345500000 |
| BFSC M5X45           |         | 20   | 0345600000 |
| SS M5 D 128-A 5      |         | 50   | 0346100000 |

| Width                |        |    |            |
|----------------------|--------|----|------------|
| PS 4 F.STB 4         | 7.6 mm | 20 | 0299600000 |
| STB 16/D7/4/M5 SAK70 |        | 50 | 0385400000 |

|             |      |    |            |
|-------------|------|----|------------|
| AP SAK70/35 | 2 mm | 10 | 0340960000 |
|-------------|------|----|------------|

|                  |    |            |
|------------------|----|------------|
| AD 3 SAK70       | 10 | 0344300000 |
| BFSC M5X45 PA/NA | 50 | 0344400000 |

DEK 5/5

## TS 35 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                     |                 |
|------------------------------------------------|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note                                           |                 |

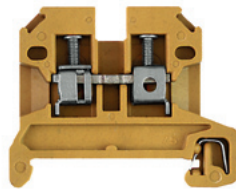
## Ordering data

| Version |               |
|---------|---------------|
|         | Medium yellow |
|         | Blue          |
| Note    |               |

## Accessories

| Screwable cross-connection                                                                         |                                 |
|----------------------------------------------------------------------------------------------------|---------------------------------|
|                                                                                                    | 2-pole                          |
|                                                                                                    | 3-pole                          |
|                                                                                                    | 4-pole                          |
|                                                                                                    | 10-pole                         |
|                                                                                                    | Connecting sleeve               |
|                                                                                                    | Mounting screw                  |
|                                                                                                    | Lock washer                     |
| Switchable link                                                                                    |                                 |
|                                                                                                    | Switchable link                 |
|                                                                                                    | Connecting sleeve               |
|                                                                                                    | Mounting screw                  |
| Testing / Checking                                                                                 |                                 |
|                                                                                                    | Test plug                       |
|                                                                                                    | Socket                          |
| End plate / Partition plate                                                                        |                                 |
|                                                                                                    | Medium yellow                   |
|                                                                                                    | Blue                            |
|                                                                                                    | Medium yellow                   |
|                                                                                                    | Blue                            |
| Small partition                                                                                    |                                 |
|                                                                                                    | Small partition                 |
| Cover / warning label                                                                              |                                 |
|                                                                                                    | Cover / warning label           |
|                                                                                                    | Mounting screw (plastic)        |
| Marking systems                                                                                    |                                 |
|                                                                                                    | (see assortment in catalogue 7) |
|                                                                                                    | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

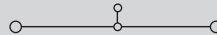
## SAK 2.5

2.5 mm<sup>2</sup>

6.1 x 49.5 x 40

32 / 6

0.13...6



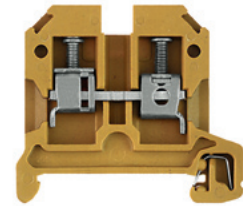
| IEC 60947-7-1                                                | Ex e II     | Ex          | II 2 G D   |
|--------------------------------------------------------------|-------------|-------------|------------|
| IEC                                                          | UL          | CSA         | EN 60079-7 |
| 800                                                          | 600         | 600         | 550        |
| 24                                                           | 20          | 25          | 21         |
| 2.5                                                          | AWG 22...12 | AWG 26...10 | 2.5        |
| 8 / 3                                                        |             |             |            |
| A3 / 5VA                                                     |             |             |            |
| KEMA 97ATEX1798 U                                            |             |             |            |
| Rated connection                                             |             |             |            |
| 0.5...6 / 0.5...4                                            |             |             |            |
| 0.5...4 / 0.5...2.5                                          |             |             |            |
| 0.4...0.6 Nm (M 2.5)                                         |             |             |            |
| 10 / 0.6 x 3.5 mm                                            |             |             |            |
| With twin ferrules ZH 0.5 to ZH 1.5, rated voltage is 690 V. |             |             |            |

| Type              | Qty. | Order No.  |
|-------------------|------|------------|
| SAK 2.5/35 KRG    | 100  | 0380420000 |
| SAK 2.5/35 KRG/BL | 100  | 0380470000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 SAK2.5              | 41 A    | 50   | 0337000000 |
| Q 3 SAK2.5              | 41 A    | 50   | 0337100000 |
| Q 4 SAK2.5              | 41 A    | 50   | 0337200000 |
| Q 10 SAK2.5             | 41 A    | 20   | 0368700000 |
| Width                   |         |      |            |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/5/2.3/M3 SAK2.5 |         | 50   | 0280600000 |
| Width                   |         |      |            |
| AP SAK2.5 KRG           | 1.5 mm  | 20   | 0279520000 |
| AP SAK2.5 KRG BL        | 1.5 mm  | 20   | 0279570000 |
| TW SAK2.5 KRG           | 2.5 mm  | 20   | 0302820000 |
| TW SAK2.5 KRG/BL        | 2.5 mm  | 20   | 0302870000 |
| Width                   |         |      |            |
| TSCH 1                  | 2 mm    | 100  | 0319160000 |
| Width                   |         |      |            |
| AD 4 AKZ4               |         | 50   | 0303400000 |
| BFSC M3X22 PA/RT        |         | 100  | 0128900000 |

DEK 5/6 / SCHT 7

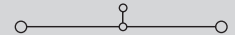
## SAK 4

4 mm<sup>2</sup>

6.5 x 45 x 44

41 / 6

0.13...6



| IEC 60947-7-1                                                | Ex e II     | Ex          | II 2 G D   |
|--------------------------------------------------------------|-------------|-------------|------------|
| IEC                                                          | UL          | CSA         | EN 60079-7 |
| 800                                                          | 600         | 600         | 550        |
| 32                                                           | 30          | 36          | 28         |
| 4                                                            | AWG 22...12 | AWG 26...10 | 4          |
| 8 / 3                                                        |             |             |            |
| A4 / 5VA                                                     |             |             |            |
| KEMA 97ATEX1798 U                                            |             |             |            |
| Rated connection                                             |             |             |            |
| 0.5...6 / 0.5...4                                            |             |             |            |
| 0.5...4 / 0.5...4                                            |             |             |            |
| 0.5...1.0 Nm (M 3)                                           |             |             |            |
| 12 / 0.6 x 3.5 mm                                            |             |             |            |
| With twin ferrules ZH 0.5 to ZH 2.5, rated voltage is 690 V. |             |             |            |

| Type            | Qty. | Order No.  |
|-----------------|------|------------|
| SAK 4/35 KRG    | 100  | 0443620000 |
| SAK 4/35 KRG/BL | 100  | 0443670000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 SAK4                | 41 A    | 50   | 0336700000 |
| Q 3 SAK4                | 41 A    | 50   | 0336800000 |
| Q 4 SAK4                | 41 A    | 50   | 0336900000 |
| Q 10 SAK4               | 41 A    | 20   | 0368800000 |
| Width                   |         |      |            |
| VL 2 SAK4               | 32 A    | 50   | 0197000000 |
| VH 19/5/3.5 SAK4-16     |         | 50   | 0285100000 |
| BFSC M3X25              |         | 100  | 0292500000 |
| Width                   |         |      |            |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 14/D5/2.3/M3 SAK2.5 |         | 50   | 0168600000 |
| Width                   |         |      |            |
| AP SAK4-10 KRG          | 1.5 mm  | 20   | 0117920000 |
| AP SAK4-10 KRG/BL       | 1.5 mm  | 20   | 0117970000 |
| TW SAK4-10 KRG          | 2.5 mm  | 20   | 0130120000 |
| TW SAK4-10 KRG/BL       | 2.5 mm  | 20   | 0130170000 |
| Width                   |         |      |            |
| TSCH 1                  | 2 mm    | 100  | 0319160000 |
| Width                   |         |      |            |
| AD 4 SAK4               |         | 50   | 0285300000 |
| BFSC M3X22 PA/RT        |         | 100  | 0128900000 |

DEK 5/6,5 / SCHT 7

## Feed-through modular terminals

## TS 35 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                     |                 |
|------------------------------------------------|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class | Approvals       |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note                                           |                 |

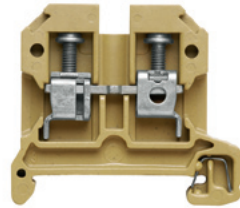
## Ordering data

| Version |               |
|---------|---------------|
|         | Medium yellow |
|         | Blue          |
| Note    |               |

## Accessories

| Screwable cross-connection                                                                         |                                 |
|----------------------------------------------------------------------------------------------------|---------------------------------|
|                                                                                                    | 2-pole                          |
|                                                                                                    | 3-pole                          |
|                                                                                                    | 4-pole                          |
|                                                                                                    | 10-pole                         |
|                                                                                                    | Connecting sleeve               |
|                                                                                                    | Mounting screw                  |
|                                                                                                    | Lock washer                     |
| Switchable link                                                                                    |                                 |
|                                                                                                    | Switchable link                 |
|                                                                                                    | Connecting sleeve               |
|                                                                                                    | Mounting screw                  |
| Testing / Checking                                                                                 |                                 |
|                                                                                                    | Test plug                       |
|                                                                                                    | Socket                          |
| End plate / Partition plate                                                                        |                                 |
|                                                                                                    | Medium yellow                   |
|                                                                                                    | Blue                            |
|                                                                                                    | Medium yellow                   |
|                                                                                                    | Blue                            |
| Small partition                                                                                    |                                 |
|                                                                                                    | Small partition                 |
| Cover / warning label                                                                              |                                 |
|                                                                                                    | Cover / warning label           |
|                                                                                                    | Mounting screw (plastic)        |
| Marking systems                                                                                    |                                 |
|                                                                                                    | (see assortment in catalogue 7) |
|                                                                                                    | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

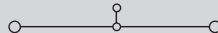
## SAK 6

6 mm<sup>2</sup>

8 x 45 x 44

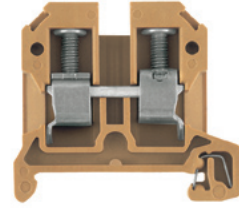
57 / 10

0.33...10



| IEC 60947-7-1                                            | Ex e ll    | Ex         | ll 2 G D   |
|----------------------------------------------------------|------------|------------|------------|
| IEC                                                      | UL         | CSA        | EN 60079-7 |
| 800                                                      | 600        | 600        | 550        |
| 41                                                       | 40         | 47         | 36         |
| 6                                                        | AWG 22...8 | AWG 20...8 | 6          |
| 8 / 3                                                    |            |            |            |
| A5 / 5VA                                                 |            |            |            |
| KEMA 97ATEX1798 U                                        |            |            |            |
| Rated connection                                         |            |            |            |
| 0.5...10 / 0.5...6                                       |            |            |            |
| 0.5...10 / 0.5...6                                       |            |            |            |
| 0.8...1.6 Nm (M 3.5)                                     |            |            |            |
| 12 / 4.0 x 0.8 mm                                        |            |            |            |
| For AWG 8-7 and AWG 8-19, tightening torque is 1.21.4 Nm |            |            |            |

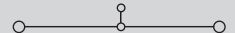
## SAK 10

10 mm<sup>2</sup>

10 x 45 x 51.5

76 / 16

1.5...16



| IEC 60947-7-1                                                           | Ex e ll    | Ex         | ll 2 G D   |
|-------------------------------------------------------------------------|------------|------------|------------|
| IEC                                                                     | UL         | CSA        | EN 60079-7 |
| 800                                                                     | 600        | 600        | 550        |
| 57                                                                      | 60         | 65         | 50         |
| 10                                                                      | AWG 14...6 | AWG 16...6 | 10         |
| 8 / 3                                                                   |            |            |            |
| B6 / 5VA                                                                |            |            |            |
| KEMA 97ATEX1798 U                                                       |            |            |            |
| Rated connection                                                        |            |            |            |
| 1.5...10 / 1.5...16                                                     |            |            |            |
| 1.5...16 / 1.5...10                                                     |            |            |            |
| 2.0...4.0 Nm (M 4)                                                      |            |            |            |
| 12 / 1.0 x 5.5 mm                                                       |            |            |            |
| When used with twin ferrules ZH 0.5 - ZH 4, the rated voltage is 690 V. |            |            |            |

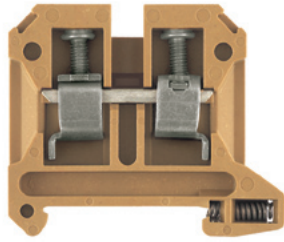
| Type             | Qty. | Order No.  |
|------------------|------|------------|
| SAK 10/35 KRG    | 100  | 0443720000 |
| SAK 10/35 KRG/BL | 100  | 0443770000 |

A higher torque of 2 to 2.4 Nm is necessary when using H07V-R16 and AWG 6 conductors.

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| Q 2 SAK10            | 57 A    | 50   | 0457100000 |
| Q 3 SAK10            | 57 A    | 50   | 0457200000 |
| Q 4 SAK10            | 57 A    | 50   | 0457300000 |
| Q 10 SAK10           | 57 A    | 20   | 0457400000 |
| Width                |         |      |            |
| VL 2 SAK6/10/SAKB    | 32 A    | 50   | 0135900000 |
| VH 19/5/3.5 SAK4-16  |         | 50   | 0285100000 |
| BFSC M3X25           |         | 100  | 0292500000 |
| Width                |         |      |            |
| PS 4 F.STB 4         | 7.6 mm  | 20   | 0299600000 |
| STB 14/D6/4/M3 SAK10 |         | 50   | 0169900000 |
| Width                |         |      |            |
| AP SAK4-10 KRG       | 1.5 mm  | 20   | 0117920000 |
| AP SAK4-10 KRG/BL    | 1.5 mm  | 20   | 0117970000 |
| TW SAK4-10 KRG       | 2.5 mm  | 20   | 0130120000 |
| TW SAK4-10 KRG/BL    | 2.5 mm  | 20   | 0130170000 |
| Width                |         |      |            |
| TSCH 1               | 2 mm    | 100  | 0319160000 |
| Width                |         |      |            |
| AD 4 SAK10           |         | 50   | 0178600000 |
| BFSC M3X22 PA/RT     |         | 100  | 0128900000 |

DEK 5/5

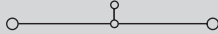
## SAK 16

16 mm<sup>2</sup>

12 x 50 x 57.5

76 / 16

2.5...16



IEC 60947-7-1

Ex e II



II 2 G D

| IEC      | UL         | CSA        | EN 60079-7 |
|----------|------------|------------|------------|
| 1000     | 600        | 600        | 690        |
| 76       | 80         | 87         | 66         |
| 16       | AWG 12...4 | AWG 14...6 | 16         |
| 8 / 3    |            |            |            |
| B6 / 5VA |            |            |            |



KEMA 97ATEX1798 U

## Rated connection

2.5...16 / 4...16

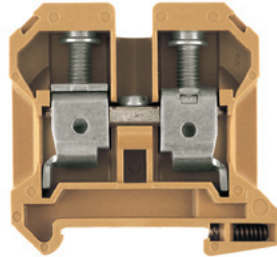
4...16 / 4...16

2.0...4.0 Nm (M 4)

15 / 1.0 x 5.5 mm

Twin wire end ferrules ZH 2.5 - ZH 16 can be used.

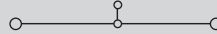
## SAK 35N/35

35 mm<sup>2</sup>

16 x 58 x 60

125 / 50

2.5...50



IEC 60947-7-1

| IEC      | UL         | CSA        |
|----------|------------|------------|
| 1000     | 600        | 600        |
| 125      | 105        | 120        |
| 35       | AWG 12...2 | AWG 12...2 |
| 8 / 3    |            |            |
| B8 / 5VA |            |            |



## Rated connection

2.5...16 / 4...50

2.5...35 / 1.5...35

4.0...5.0 Nm (M 6)

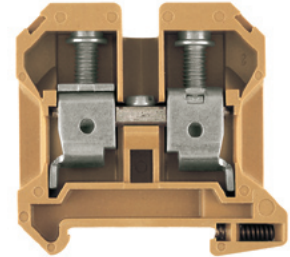
18 / 6.5 x 1.2 mm

The tightening torque is 4.5 Nm for 16 - 50 mm<sup>2</sup> and AWG 6 - 2/7 stranded conductors. Twin wire end ferrules ZH 2.5 - ZH 16 can be used.

## SAK 35N/35/IK

35 mm<sup>2</sup>

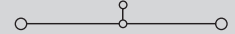
## Hexagon socket head screw



16 x 58 x 60

125 / 50

2.5...50



IEC 60947-7-1

| IEC      | UL         | CSA        |
|----------|------------|------------|
| 1000     | 600        | 600        |
| 125      | 105        | 120        |
| 35       | AWG 12...2 | AWG 12...2 |
| 8 / 3    |            |            |
| B8 / 5VA |            |            |



## Rated connection

2.5...16 / 4...50

2.5...35 / 1.5...35

4.0...6.0 Nm (M 6)

18 / S4 (DIN 6911)

The tightening torque is 4.5 Nm for 16 - 50 mm<sup>2</sup> and AWG 6 - 2/7 stranded conductors. Twin wire end ferrules ZH 2.5 - ZH 16 can be used.

| Type                                                        | Qty. | Order No.  |
|-------------------------------------------------------------|------|------------|
| SAK 16/35 KRG                                               | 50   | 0380620000 |
| If QIs are aligned side by side, then a TW/AP must be used. |      |            |

| Type                                                                           | Qty. | Order No.  |
|--------------------------------------------------------------------------------|------|------------|
| SAK 35N/35 KRG                                                                 | 20   | 0608220000 |
| It is possible to use twin ferrules with identical rated voltages (LAB 13090). |      |            |

| Type                                                                           | Qty. | Order No.  |
|--------------------------------------------------------------------------------|------|------------|
| SAK 35N/35/IK KRG                                                              | 20   | 0608320000 |
| SAK 35N/35/IK KRG/BL                                                           | 20   | 0608370000 |
| It is possible to use twin ferrules with identical rated voltages (LAB 13090). |      |            |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| Q 2 SAK16            | 76 A    | 50   | 0457500000 |
| Q 3 SAK16            | 76 A    | 50   | 0457600000 |
| Q 4 SAK16            | 76 A    | 50   | 0457700000 |
| Q 10 SAK16           | 76 A    | 20   | 0457800000 |
| Width                |         |      |            |
| VL 2 SAK16/SAKA      | 57 A    | 50   | 0135800000 |
| VH 19/5/3.5 SAK4-16  |         | 50   | 0285100000 |
| BFSC M3X25           |         | 100  | 0292500000 |
| Width                |         |      |            |
| PS 4 F.STB 4         | 7.6 mm  | 20   | 0299600000 |
| STB 14/D6/4/M3 SAK10 |         | 50   | 0169900000 |
| AP SAK16 KRG         | 3 mm    | 20   | 0271120000 |
| TW SAK16 KRG         | 3 mm    | 20   | 0281120000 |
| Width                |         |      |            |
| TSCH 1               | 2 mm    | 100  | 0319160000 |
| AD 4 SAK16           |         | 50   | 0518200000 |
| BFSC M3X22 PA/RT     |         | 100  | 0128900000 |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| QL 2 SAK35N          | 110 A   | 50   | 0564900000 |
| QL 3 SAK35N          | 110 A   | 50   | 0565000000 |
| QL 4 SAK35N          | 110 A   | 50   | 0565100000 |
| QL 10 SAK35N         | 110 A   | 20   | 0565200000 |
| VH 17/8/5 SAK35      |         | 50   | 0267000000 |
| BFSC M4X30           |         | 50   | 0267100000 |
| SS M4 D 128-A 4      |         | 100  | 0136400000 |
| Width                |         |      |            |
| PS 4 F.STB 4         | 7.6 mm  | 20   | 0299600000 |
| STB 16/D7/4/M4 SAK35 |         | 50   | 0140200000 |
| AP SAK35 KRG         | 3 mm    | 10   | 0303620000 |
| AP SAK35 KRG/BL      | 3 mm    | 10   | 0303670000 |
| TW SAK35 KRG         | 3 mm    | 20   | 0304320000 |
| Width                |         |      |            |
| AD 4 SAK35           |         | 50   | 0178700000 |
| BFSC M3X22 PA/RT     |         | 100  | 0128900000 |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| QL 2 SAK35N          | 99 A    | 50   | 0564900000 |
| QL 3 SAK35N          | 99 A    | 50   | 0565000000 |
| QL 4 SAK35N          | 99 A    | 50   | 0565100000 |
| QL 10 SAK35N         | 99 A    | 20   | 0565200000 |
| VH 17/8/5 SAK35      |         | 50   | 0267000000 |
| BFSC M4X30           |         | 50   | 0267100000 |
| SS M4 D 128-A 4      |         | 100  | 0136400000 |
| Width                |         |      |            |
| PS 4 F.STB 4         | 7.6 mm  | 20   | 0299600000 |
| STB 16/D7/4/M4 SAK35 |         | 50   | 0140200000 |
| AP SAK35 KRG         | 3 mm    | 10   | 0303620000 |
| AP SAK35 KRG/BL      | 3 mm    | 10   | 0303670000 |
| TW SAK35 KRG         | 3 mm    | 20   | 0304320000 |
| Width                |         |      |            |
| AD 4 SAK35N          |         | 50   | 0576700000 |
| BFSC M4X32 PA/RT     |         | 100  | 0129100000 |

DEK 5/5

DEK 5/5

If QIs are aligned side by side, then a TW/AP must be used.

DEK 5/5

If QIs are aligned side by side, then a TW/AP must be used.

## Feed-through modular terminals

## TS 35 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                     |                 |
|------------------------------------------------|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note                                           |                 |

## Ordering data

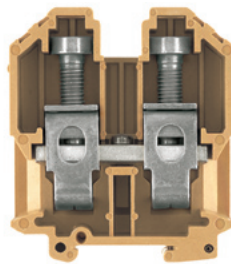
| Version |               |
|---------|---------------|
|         | Medium yellow |
|         | Blue          |
| Note    |               |

## Accessories

| Screwable cross-connection  |                          |
|-----------------------------|--------------------------|
|                             | 2-pole                   |
|                             | 3-pole                   |
|                             | 4-pole                   |
|                             | 10-pole                  |
|                             | Connecting sleeve        |
|                             | Mounting screw           |
|                             | Lock washer              |
| Switchable link             |                          |
|                             | Switchable link          |
|                             | Connecting sleeve        |
|                             | Mounting screw           |
| Testing / Checking          |                          |
|                             | Test plug                |
|                             | Socket                   |
| End plate / Partition plate |                          |
|                             | Medium yellow            |
|                             | Blue                     |
|                             | Medium yellow            |
|                             | Blue                     |
| Small partition             |                          |
|                             | Small partition          |
| Cover / warning label       |                          |
|                             | Cover / warning label    |
|                             | Mounting screw (plastic) |

| Marking systems                                                                                    |                                 |
|----------------------------------------------------------------------------------------------------|---------------------------------|
|                                                                                                    | (see assortment in catalogue 7) |
|                                                                                                    | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

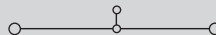
## SAK 95/35

95 mm<sup>2</sup>

28 x 87.9 x 96.5

269 / 120

16...120



IEC 60947-7-1

| IEC  | UL          | CSA         |
|------|-------------|-------------|
| 1000 | 600         | 600         |
| 232  | 190         | 200         |
| 95   | AWG 6...4/0 | AWG 6...4/0 |
|      | 8 / 3       |             |
|      | B12 / 5VA   |             |



## Rated connection

|                    |
|--------------------|
| 16...16 / 10...120 |
| 16...95 / 10...95  |
| 16...20 Nm (M 10)  |
| 30 / S8 (DIN 6911) |

Ribbon cable (segmented ribbon) can be connected ranging from 3 to 6 segments of 0.8x9 mm, up to 6 segments of 0.8x16 mm and up to 6 segments of 0.5x13 mm.

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| SAK 95/35 KRG | 10   | 0662220000 |

| Type                | current | Qty. | Order No.  |
|---------------------|---------|------|------------|
| QL 2 SAKG28         | 125 A   | 10   | 0551200000 |
| QL 3 SAKG28         | 232 A   | 5    | 0407600000 |
| QL 4 SAKG28         | 125 A   | 5    | 0407700000 |
| VH 35/11/5.5 SAK95  |         | 10   | 0551100000 |
| KISC M5X50/26 SAK95 |         | 20   | 0630200000 |
| SS M5 D 128-A 5     |         | 50   | 0346100000 |

| Width                |        |    |            |
|----------------------|--------|----|------------|
| PS 4 F.STB 4         | 7.6 mm | 20 | 0299600000 |
| STB 16/D7/4/M5 SAK70 |        | 50 | 0385400000 |

|                 |      |    |            |
|-----------------|------|----|------------|
| AP SAK95 KRG    | 3 mm | 10 | 0550920000 |
| AP SAK95 KRG/BL | 3 mm | 10 | 0550970000 |

|                  |    |            |
|------------------|----|------------|
| ADP 3/HP3 1M     | 20 | 0485400000 |
| BFSC M5X45 PA/NA | 50 | 0344400000 |

DEK 5/5 / SCHT 7  
Holder HP 3 0485760000 for the ADP 3-Profil.

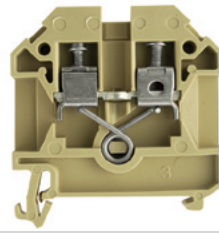
## TS 35 / PA

## RSF 3/35

4 mm<sup>2</sup>

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

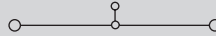
|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |



8 x 50 x 60

32 / 4

0.33...4



## Technical data

## Rated data

|                                                |                 |
|------------------------------------------------|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |

## Clamped conductors (H05V/H07V)

|                                            |                 |
|--------------------------------------------|-----------------|
| solid / stranded                           | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules | mm <sup>2</sup> |
| Tightening torque range (clamping screw)   |                 |
| Stripping length / Blade size              | mm/-            |

## Note

IEC 60947-7-1

| IEC | UL          | CSA         |
|-----|-------------|-------------|
| 690 | 600         | 600         |
| 32  | 20          | 25          |
| 4   | AWG 22...12 | AWG 22...12 |
|     | 6 / 3       |             |
|     | / V2        |             |



## Rated connection

|                    |
|--------------------|
| 0.5...4 / 0.5...4  |
| 0.5...4 / 0.5...4  |
| 0.5...1.0 Nm (M 3) |
| 12 / 0.6 x 3.5 mm  |

## Ordering data

## Version

|  |       |
|--|-------|
|  | beige |
|--|-------|

## Note

| Type     | Qty. | Order No.  |
|----------|------|------------|
| RSF 3/35 | 50   | 9501160000 |

## Accessories

## Screwable cross-connection



|                   |
|-------------------|
| 2-pole            |
| 3-pole            |
| 4-pole            |
| 10-pole           |
| Connecting sleeve |
| Mounting screw    |
| Lock washer       |

## Switchable link

|                   |
|-------------------|
| Switchable link   |
| Connecting sleeve |
| Mounting screw    |

## Testing / Checking

|           |
|-----------|
| Test plug |
| Socket    |

## End plate / Partition plate

|       |
|-------|
| beige |
| beige |

## Small partition

|                 |
|-----------------|
| Small partition |
|-----------------|

## Cover / warning label

|                       |
|-----------------------|
| Cover / warning label |
|-----------------------|

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| QL 2 SAK6N           | 57 A    | 50   | 0194300000 |
| QL 3 SAK6N           | 57 A    | 50   | 0194400000 |
| QL 4 SAK6N           | 57 A    | 50   | 0194500000 |
| QL 10 SAK6N          | 57 A    | 20   | 0338300000 |
| VH 13.5/4.9/3.3 SAK4 |         | 100  | 0248500000 |
| KISC M3X20.5/10 EK4  |         | 100  | 0303000000 |
| SS M3 D 128-A 3      |         | 50   | 0164400000 |

|                      |    |            |
|----------------------|----|------------|
| VL 2 SAK6N/SAKT      | 50 | 0194700000 |
| VH 21/5/3.5 SAK16-35 | 50 | 0309600000 |
| BFSC M3X30           | 50 | 0296200000 |

| Width                   |        |     |            |
|-------------------------|--------|-----|------------|
| PS 2.3 RT               | 5.4 mm | 20  | 0180400000 |
| STB 14/D5/2.3/M3 SAK2.5 |        | 50  | 0168600000 |
| AP RSF3                 | 3 mm   | 10  | 0270460000 |
| TW AST1/PA HP/DBR/0.5   | 0.5 mm | 20  | 0474700000 |
| TSCH 1                  | 2 mm   | 100 | 0319160000 |
| ADP 2/HP2 1M            |        | 36  | 0485300000 |

## Marking systems (see assortment in catalogue 7)

|              |
|--------------|
| Marking tags |
|--------------|

For detailed information on other accessories and applications, refer to the „Accessories“ section

DEK 5/5

## Two-tier modular terminals

## TS 35 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                       |                 |
|--------------------------------------------------|-----------------|
| Rated voltage                                    | V               |
| Rated current                                    | A               |
| Rated cross-section                              | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity       | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class   |                 |
| Approvals                                        |                 |
| Clamped conductors (H05V/H07V)                   |                 |
| solid / stranded                                 | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules       | mm <sup>2</sup> |
| Tightening torque range (clamping screw)         |                 |
| Stripping length / Blade size                    | mm/-            |
| 2 conductors with same cross-section (H05V/H07V) |                 |
| solid / stranded                                 | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules       | mm <sup>2</sup> |
| Note                                             |                 |

## Ordering data

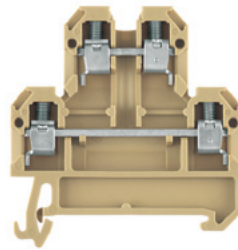
| Version |       |
|---------|-------|
|         | beige |
|         | Blue  |
| Note    |       |

## Accessories

| Screwable cross-connection                                                          |                          |
|-------------------------------------------------------------------------------------|--------------------------|
|  | 2-pole                   |
|                                                                                     | 3-pole                   |
|                                                                                     | 4-pole                   |
|                                                                                     | 10-pole                  |
| Testing / Checking                                                                  |                          |
|                                                                                     | Test plug                |
|                                                                                     | Socket                   |
| End plate / Partition plate                                                         |                          |
|                                                                                     | beige                    |
|                                                                                     | Blue                     |
|                                                                                     | Dark beige Wemid         |
| Small partition                                                                     |                          |
|                                                                                     | Small partition          |
| Cover / warning label                                                               |                          |
|                                                                                     | Cover / warning label    |
|                                                                                     | Mounting screw (plastic) |

| Marking systems                                                                                    |                                 |
|----------------------------------------------------------------------------------------------------|---------------------------------|
|                                                                                                    | (see assortment in catalogue 7) |
|                                                                                                    | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

## DK 4/35

4 mm<sup>2</sup>

|               |  |
|---------------|--|
| 6 x 50 x 60.5 |  |
| 41 / 6        |  |
| 0.13...6      |  |

IEC 60947-7-1

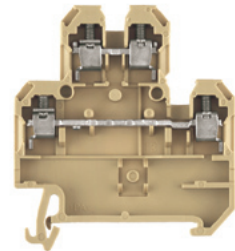
| IEC                                                                               | UL          | CSA         |
|-----------------------------------------------------------------------------------|-------------|-------------|
| 500                                                                               | 300         | 300         |
| 32                                                                                | 27          | 10          |
| 4                                                                                 | AWG 22...12 | AWG 26...12 |
|                                                                                   | 6 / 3       |             |
|                                                                                   | A3 / V2     |             |
|  |             |             |
| Rated connection                                                                  |             |             |
| 0.5...6 / 0.5...4                                                                 |             |             |
| 0.5...4 / 0.5...2.5                                                               |             |             |
| 0.5...0.8 Nm (M 3)                                                                |             |             |
| 8 / 0.6 x 3.5 mm                                                                  |             |             |
| 0.5...1.5                                                                         |             |             |
| 0.5...1.5 / 0.5...1.5                                                             |             |             |
| With twin ferrules ZH 0.5 to ZH 2.5, rated voltage is 690 V.                      |             |             |

| Type       | Qty. | Order No.  |
|------------|------|------------|
| DK 4/35    | 100  | 0527660000 |
| DK 4/35 BL | 100  | 0527680000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 AKZ4                | 32 A    | 50   | 0336400000 |
| Q 3 AKZ4                | 32 A    | 50   | 0336500000 |
| Q 4 AKZ4                | 32 A    | 50   | 0336600000 |
| Q 10 AKZ4               | 32 A    | 20   | 0368600000 |
| Width                   |         |      |            |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | 0215700000 |
| AP DK4                  | 1.5 mm  | 20   | 0359260000 |
| AP DK4 BL               | 1.5 mm  | 20   | 0359280000 |
| WTW EN                  | 3 mm    | 20   | 1058800000 |
| TSCH 6 DKl S4           | 5 mm    | 100  | 0190260000 |
| AD 3 SAK2.5             |         | 50   | 0297900000 |
| BFSC M2.5X18 PA/RT      |         | 100  | 0303300000 |

| Marking systems |         |
|-----------------|---------|
|                 | DEK 5/6 |

## DK 4 Q/35

4 mm<sup>2</sup>

|               |  |
|---------------|--|
| 6 x 50 x 60.5 |  |
| 41 / 6        |  |
| 0.13...6      |  |

IEC 60947-7-1

| IEC                                                                                 | UL          | CSA         |
|-------------------------------------------------------------------------------------|-------------|-------------|
| 500                                                                                 | 300         | 300         |
| 32                                                                                  | 27          | 10          |
| 4                                                                                   | AWG 22...12 | AWG 26...12 |
|                                                                                     | 6 / 3       |             |
|                                                                                     | A3 / V2     |             |
|  |             |             |
| Rated connection                                                                    |             |             |
| 0.5...6 / 0.5...4                                                                   |             |             |
| 0.5...4 / 0.5...2.5                                                                 |             |             |
| 0.5...0.8 Nm (M 3)                                                                  |             |             |
| 8 / 0.6 x 3.5 mm                                                                    |             |             |
| 0.5...1.5                                                                           |             |             |
| 0.5...1.5 / 0.5...1.5                                                               |             |             |
| With twin ferrules ZH 0.5 to ZH 2.5, rated voltage is 690 V.                        |             |             |

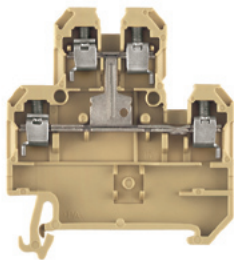
| Type        | Qty. | Order No.  |
|-------------|------|------------|
| DK 4Q/35    | 100  | 0590160000 |
| DK 4Q/35 BL | 100  | 0590180000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 AKZ4                | 32 A    | 50   | 0336400000 |
| Q 3 AKZ4                | 32 A    | 50   | 0336500000 |
| Q 4 AKZ4                | 32 A    | 50   | 0336600000 |
| Q 10 AKZ4               | 32 A    | 20   | 0368600000 |
| Width                   |         |      |            |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | 0215700000 |
| AP DK4Q                 | 1.5 mm  | 20   | 1397160000 |
| AP DK4Q BL              | 1.5 mm  | 20   | 1397180000 |
| WTW EN                  | 3 mm    | 20   | 1058800000 |
| TSCH 6 DKl S4           | 5 mm    | 100  | 0190260000 |
| AD 3 SAK2.5             |         | 50   | 0297900000 |
| BFSC M2.5X18 PA/RT      |         | 100  | 0303300000 |

| Marking systems |         |
|-----------------|---------|
|                 | DEK 5/6 |

DK 4 QV/35

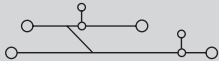
4 mm<sup>2</sup>



6 x 54 x 40.5

41 / 6

0.13...6



IEC 60947-7-1

| IEC     | UL          | CSA         |
|---------|-------------|-------------|
| 500     | 300         | 300         |
| 32      | 27          | 10          |
| 4       | AWG 22...12 | AWG 26...12 |
| 6 / 3   |             |             |
| A3 / V2 |             |             |

CE RoHS REACH

Rated connection

0.5...6 / 0.5...4

0.5...4 / 0.5...2.5

0.5...0.8 Nm (M 3)

8 / 0.6 x 3.5 mm

0.5...1.5

0.5...1.5 / 0.5...1.5

With twin ferrules ZH 0.5 to ZH 2.5, rated voltage is 690 V.

| Type         | Qty. | Order No.  |
|--------------|------|------------|
| DK 4QV/35    | 100  | 0363660000 |
| DK 4QV/35 BL | 100  | 0363680000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 AKZ4                | 32 A    | 50   | 0336400000 |
| Q 3 AKZ4                | 32 A    | 50   | 0336500000 |
| Q 4 AKZ4                | 32 A    | 50   | 0336600000 |
| Q 10 AKZ4               | 32 A    | 20   | 0368600000 |
| Width                   |         |      |            |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | 0215700000 |
| AP DK4Q                 | 1.5 mm  | 20   | 1397160000 |
| AP DK4Q BL              | 1.5 mm  | 20   | 1397180000 |
| WTW EN                  | 3 mm    | 20   | 1058800000 |
| TSCH 6 DK1 S4           | 5 mm    | 100  | 0190260000 |
| AD 4 AKZ4               |         | 50   | 0303400000 |
| BFSC M2.5X18 PA/RT      |         | 100  | 0303300000 |

DEK 5/6

Modular PE terminals

TS 35 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated voltage to adjacent terminal                   | V               |
| Rated impulse withstand voltage to adjacent terminal | kV              |
| Short-time withstand current                         |                 |
| Pollution severity                                   |                 |
| Gauge to IEC 60947-1 / UL94 Flammability class       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| solid / stranded                                     | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules           | mm <sup>2</sup> |
| Tightening torque range (clamping screw)             |                 |
| Tightening torque range (fixing screw)               |                 |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

Ordering data

| Version      |
|--------------|
| green/yellow |
| Note         |

Accessories

| Rail support |
|--------------|
|--------------|

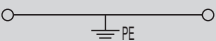
|                                                                                                    |                                 |
|----------------------------------------------------------------------------------------------------|---------------------------------|
| Marking systems                                                                                    | (see assortment in catalogue 7) |
| Marking tags                                                                                       |                                 |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

EK 2.5/35

2.5 mm<sup>2</sup>



|               |
|---------------|
| 6 x 56.5 x 40 |
| / 6           |
| 0.33...6      |



| IEC 60947-7-2        |                            |             |  |
|----------------------|----------------------------|-------------|--|
| IEC                  | UL                         | CSA         |  |
| 2.5                  | AWG 22...12                | AWG 26...10 |  |
| 800                  |                            |             |  |
| 8                    |                            |             |  |
|                      | 480 A (4 mm <sup>2</sup> ) |             |  |
|                      | 3                          |             |  |
|                      | A3 / V2                    |             |  |
| CE ENEC KEMA VDE     |                            |             |  |
| Rated connection     |                            |             |  |
| 0.5...6 / 0.5...4    |                            |             |  |
| 0.5...4 / 0.5...2.5  |                            |             |  |
| 0.4...0.6 Nm (M 2.5) |                            |             |  |
| 0.4...0.6 Nm         |                            |             |  |
| 10 / 0.6 x 3.5 mm    |                            |             |  |

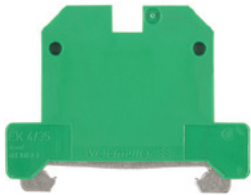
| Type      | Qty. | Order No.  |
|-----------|------|------------|
| EK 2.5/35 | 100  | 0661060000 |

| Type | Width | Qty. | Order No.  |
|------|-------|------|------------|
| SH 2 | 40 mm | 10   | 0494920000 |

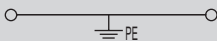
|         |
|---------|
| DEK 5/6 |
|---------|

EK 4/35

4 mm<sup>2</sup>



|                 |
|-----------------|
| 6.5 x 56.5 x 44 |
| / 6             |
| 0.33...6        |



| IEC 60947-7-2      |                            |             |  |
|--------------------|----------------------------|-------------|--|
| IEC                | UL                         | CSA         |  |
| 4                  | AWG 22...12                | AWG 26...10 |  |
| 800                |                            |             |  |
| 8                  |                            |             |  |
|                    | 720 A (6 mm <sup>2</sup> ) |             |  |
|                    | 3                          |             |  |
|                    | A4 / V2                    |             |  |
| CE ENEC KEMA VDE   |                            |             |  |
| Rated connection   |                            |             |  |
| 0.5...6 / 0.5...4  |                            |             |  |
| 0.5...4 / 0.5...4  |                            |             |  |
| 0.5...1.0 Nm (M 3) |                            |             |  |
| 0.5...1.0 Nm       |                            |             |  |
| 12 / 0.6 x 3.5 mm  |                            |             |  |

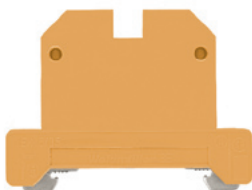
| Type    | Qty. | Order No.  |
|---------|------|------------|
| EK 4/35 | 100  | 0661160000 |

| Type | Width | Qty. | Order No.  |
|------|-------|------|------------|
| SH 2 | 40 mm | 10   | 0494920000 |

|           |
|-----------|
| DEK 5/6,5 |
|-----------|

EK 6/35

6 mm²



8 x 56.5 x 44  
/ 10  
0.5...10



IEC 60947-7-2

| IEC | UL            | CSA        |
|-----|---------------|------------|
| 6   | AWG 22...8    | AWG 20...8 |
| 800 |               |            |
| 8   |               |            |
|     | 720 A (6 mm²) |            |
|     | 3             |            |
|     | A5 / V2       |            |



Rated connection

0.5...10 / 1.5...6  
0.5...10 / 0.5...6  
0.8...1.6 Nm (M 3.5)  
0.5...1.0 Nm  
12 / 4.0 x 0.8 mm

For AWG 8-7 and AWG 8-19, tightening torque is 1.21.4 Nm

| Type    | Qty. | Order No.  |
|---------|------|------------|
| EK 6/35 | 100  | 0661260000 |

| Type | Width | Qty. | Order No.  |
|------|-------|------|------------|
| SH 2 | 40 mm | 10   | 0494920000 |

DEK 5/8

EK 10

10 mm²



10 x 56 x 45  
/ 10  
0.5...10



IEC 60947-7-2

| IEC | UL              | CSA        |
|-----|-----------------|------------|
| 10  | AWG 14...6      | AWG 14...6 |
| 800 |                 |            |
| 8   |                 |            |
|     | 1200 A (10 mm²) |            |
|     | 3               |            |
|     | B6 / V2         |            |



Rated connection

0.5...10 / 1.5...6  
0.5...10 / 0.5...10  
1.2...2.4 Nm (M 4)  
0.5...1.0 Nm  
12 / 1.0 x 5.5 mm

| Type     | Qty. | Order No.  |
|----------|------|------------|
| EK 10/35 | 100  | 0661360000 |

| Type | Width | Qty. | Order No.  |
|------|-------|------|------------|
| SH 2 | 40 mm | 10   | 0494920000 |

DEK 5/5

EK 16

16 mm²



12 x 56 x 50  
/ 16  
2.5...16



IEC 60947-7-2

| IEC | UL              | CSA        |
|-----|-----------------|------------|
| 16  | AWG 10...6      | AWG 10...4 |
| 800 |                 |            |
| 8   |                 |            |
|     | 1920 A (16 mm²) |            |
|     | 3               |            |
|     | B6 / V2         |            |



Rated connection

2.5...16 / 2.5...16  
2.5...16 / 4...16  
2.0...4.0 Nm (M 4)  
0.5...1.0 Nm  
16 / 1.0 x 5.5 mm

| Type     | Qty. | Order No.  |
|----------|------|------------|
| EK 16/35 | 50   | 0190160000 |

| Type | Width | Qty. | Order No.  |
|------|-------|------|------------|
| SH 2 | 40 mm | 10   | 0494920000 |

DEK 5/5

Modular PE terminals

TS 35 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

Technical data

| Rated data                                           |                 |
|------------------------------------------------------|-----------------|
| Rated cross-section                                  | mm <sup>2</sup> |
| Rated voltage to adjacent terminal                   | V               |
| Rated impulse withstand voltage to adjacent terminal | kV              |
| Short-time withstand current                         |                 |
| Pollution severity                                   |                 |
| Gauge to IEC 60947-1 / UL94 Flammability class       |                 |
| Approvals                                            |                 |
| Clamped conductors (H05V/H07V)                       |                 |
| solid / stranded                                     | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules           | mm <sup>2</sup> |
| Tightening torque range (clamping screw)             |                 |
| Tightening torque range (fixing screw)               |                 |
| Stripping length / Blade size                        | mm/-            |
| Note                                                 |                 |

Ordering data

| Version      |
|--------------|
| green/yellow |
| Note         |

Accessories

| Rail support |
|--------------|
|--------------|

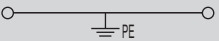
|                                                                                                    |                                 |
|----------------------------------------------------------------------------------------------------|---------------------------------|
| Marking systems                                                                                    | (see assortment in catalogue 7) |
|                                                                                                    | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

EK 35/35

35 mm<sup>2</sup>



|              |
|--------------|
| 16 x 58 x 60 |
| / 50         |
| 6...50       |



| IEC 60947-7-2                                                                                          |                              |            |
|--------------------------------------------------------------------------------------------------------|------------------------------|------------|
| IEC                                                                                                    | UL                           | CSA        |
| 35                                                                                                     | AWG 6...2                    | AWG 12...2 |
| 800                                                                                                    |                              |            |
| 8                                                                                                      |                              |            |
|                                                                                                        | 4200 A (35 mm <sup>2</sup> ) |            |
|                                                                                                        | 3                            |            |
|                                                                                                        | B9 / V2                      |            |
| ®                                                                                                      |                              |            |
| Rated connection                                                                                       |                              |            |
| 6...16 / 16...50                                                                                       |                              |            |
| 10...35 / 10...35                                                                                      |                              |            |
| 4.0...6.0 Nm (M 6)                                                                                     |                              |            |
| 1.2...2.4 Nm                                                                                           |                              |            |
| 20 / 6.5 x 1.2 mm                                                                                      |                              |            |
| Use the TS 35x15/2.3 for 35 - 50 mm <sup>2</sup> conductors. For AWG 2/7 and H07V-R50, torque is 6 Nm. |                              |            |

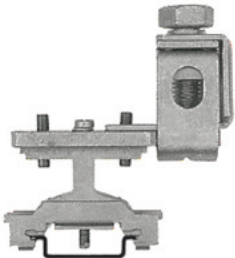
| Type     | Qty. | Order No.  |
|----------|------|------------|
| EK 35/35 | 20   | 0661460000 |

| Type | Width | Qty. | Order No.  |
|------|-------|------|------------|
| SH 2 | 40 mm | 10   | 0494920000 |

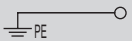
|         |
|---------|
| DEK 5/5 |
|---------|

EK 95/35

95 mm<sup>2</sup>



|                  |
|------------------|
| 25 x 76.5 x 90.5 |
| / 120            |
| 10...120         |



| IEC 60947-7-2                                                                      |                               |     |
|------------------------------------------------------------------------------------|-------------------------------|-----|
| IEC                                                                                | UL                            | CSA |
| 95                                                                                 |                               |     |
| 8                                                                                  |                               |     |
|                                                                                    | 11400 A (95 mm <sup>2</sup> ) |     |
|                                                                                    | 3                             |     |
|                                                                                    | B12 / ---                     |     |
| Rated connection                                                                   |                               |     |
| 10...16 / 10...95                                                                  |                               |     |
| 16...95 / 10...95                                                                  |                               |     |
| 10...20 Nm (M 10)                                                                  |                               |     |
| 1.2...2.4 Nm                                                                       |                               |     |
| 27 /                                                                               |                               |     |
| Tightening torque for stranded conductors of 35 mm <sup>2</sup> and larger = 16 Nm |                               |     |

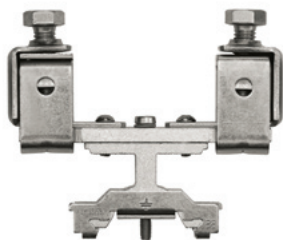
| Type            | Qty. | Order No.  |
|-----------------|------|------------|
| EK 95/35/1ZB BK | 10   | 0535300000 |

| Type | Width | Qty. | Order No.  |
|------|-------|------|------------|
| SH 2 | 40 mm | 10   | 0494920000 |

|                                                                     |
|---------------------------------------------------------------------|
| To fix the terminals use the copper rail TS35 order no. 0270100000. |
|---------------------------------------------------------------------|

**SAKE 70/35**

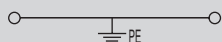
70 mm<sup>2</sup>



18 x 94 x 59.5

/ 70

10...70



IEC 60947-7-2

| IEC | UL | CSA |
|-----|----|-----|
| 70  |    |     |
|     |    |     |
|     |    |     |
|     |    |     |
|     |    |     |
|     |    |     |



## Rated connection

10...16 / 10...70

10...70 / 10...70

6.0...12 Nm (M 8)

2.0...4.0 Nm

25 /

3.8.8

When connecting with stranded conductors  $\geq 50 \text{ mm}^2$  and 12 Nm tightening torque. Test current 8.4 kA to 1 kA carried out via copper terminal rail

| Type                | Qty. | Order No.  |
|---------------------|------|------------|
| EK 70/35/M.2ZB O.IK | 10   | 1338300000 |

| Type | Width | Qty. | Order No.  |
|------|-------|------|------------|
| SH 2 | 40 mm | 10   | 0494920000 |

Use the steel TS 35x15/2.3 for 35 - 50 mm<sup>2</sup> conductors. Use the TS 35x15/2.3 CU for 70 mm<sup>2</sup> conductors.

## Disconnect terminals

## TS 35 / PA

## SAKR

4 mm<sup>2</sup>

## SAKR-D

4 mm<sup>2</sup>

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                     |                 |
|------------------------------------------------|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note                                           |                 |

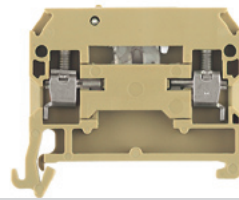
## Ordering data

| Version |       |
|---------|-------|
|         | beige |
|         | Blue  |
| Note    |       |

## Accessories

| External cross-connection   |           |
|-----------------------------|-----------|
|                             | 2-pole    |
|                             | 3-pole    |
|                             | 4-pole    |
| Testing / Checking          |           |
|                             | Test plug |
|                             | Socket    |
| End plate / Partition plate |           |
|                             | beige     |
|                             | Blue      |

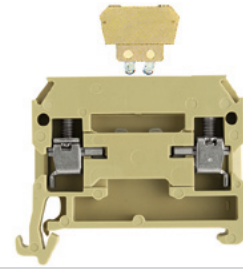
| Marking systems                                                                                    | (see assortment in catalogue 7) |
|----------------------------------------------------------------------------------------------------|---------------------------------|
|                                                                                                    | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |



|                 |
|-----------------|
| 6.5 x 42 x 40.5 |
| 10 / 4          |
| 0.13...4        |

IEC 60947-7-1

| IEC                                        | UL          | CSA         |
|--------------------------------------------|-------------|-------------|
| 400                                        | 300         | 300         |
| 10                                         | 10          | 10          |
| 4                                          | AWG 22...12 | AWG 22...12 |
|                                            | 6 / 3       |             |
|                                            | A3 / V2     |             |
| Rated connection                           |             |             |
| 0.5...4 / 1.5...4                          |             |             |
| 0.5...4 / 0.5...2.5                        |             |             |
| 0.5...1.0 Nm (M 3)                         |             |             |
| 8 / 0.6 x 3.5 mm                           |             |             |
| Torque for SAKR with socket: 0.5 - 0.7 Nm. |             |             |



|               |
|---------------|
| 6.5 x 46 x 38 |
| 10 / 4        |
| 0.13...4      |

IEC 60947-7-1

| IEC                                                | UL          | CSA         |
|----------------------------------------------------|-------------|-------------|
| 250                                                | 300         | 300         |
| 10                                                 | 10          | 10          |
| 4                                                  | AWG 26...12 | AWG 22...12 |
|                                                    | 6 / 3       |             |
|                                                    | A3 / V2     |             |
| Rated connection                                   |             |             |
| 0.5...4 / 1.5...4                                  |             |             |
| 0.5...4 / 0.5...2.5                                |             |             |
| 0.5...1.0 Nm (M 3)                                 |             |             |
| 8 / 0.6 x 3.5 mm                                   |             |             |
| Tightening torque via the sockets is 0.5 - 0.7 Nm. |             |             |

| Type     | Qty. | Order No.  |
|----------|------|------------|
| SAKRD/35 | 50   | 0185760000 |

| Type                   | current | Qty. | Order No.  |
|------------------------|---------|------|------------|
| QB 2 WI RA6 IS         | 27 A    | 50   | 0482700000 |
| QB 3 WI RA6 IS         | 27 A    | 50   | 0482800000 |
| QB 4 WI RA6 IS         | 27 A    | 50   | 0482900000 |
| Width                  |         |      |            |
| PS 2.3 RT              | 5.4 mm  | 20   | 0180400000 |
| STB 6/D3.7/2.3/M3 SAKR |         | 100  | 0379400000 |
| Width                  |         |      |            |
| AP SAKR BE             | 1.5 mm  | 20   | 0211360000 |
| AP SAKR BL             | 1.5 mm  | 20   | 0211380000 |

| Type                   | current | Qty. | Order No.  |
|------------------------|---------|------|------------|
| QB 2 WI RA6 IS         | 27 A    | 50   | 0482700000 |
| QB 3 WI RA6 IS         | 27 A    | 50   | 0482800000 |
| QB 4 WI RA6 IS         | 27 A    | 50   | 0482900000 |
| Width                  |         |      |            |
| PS 2.3 RT              | 5.4 mm  | 20   | 0180400000 |
| STB 6/D3.7/2.3/M3 SAKR |         | 100  | 0379400000 |
| Width                  |         |      |            |
| AP SAKR BE             | 1.5 mm  | 20   | 0211360000 |
| AP SAKR BL             | 1.5 mm  | 20   | 0211380000 |

| Marking systems                                                                                    | (see assortment in catalogue 7) |
|----------------------------------------------------------------------------------------------------|---------------------------------|
|                                                                                                    | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

|                                                                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| DEK 5/6,5                                                                                                                                               |
| QB 25 blank, refer to „Accessories“ section. Note that max. conductor connection with QB = 2.5 mm <sup>2</sup> . Twin wire-end ferrules ZH 0.5 - ZH 1.5 |

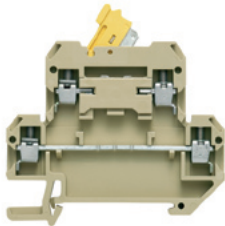
| Marking systems                                                                                    | (see assortment in catalogue 7) |
|----------------------------------------------------------------------------------------------------|---------------------------------|
|                                                                                                    | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

|                                                     |
|-----------------------------------------------------|
| DEK 5/6,5                                           |
| Twin wire-end ferrules ZH 0.5 - ZH 1.5 can be used. |

DKT 4

4 mm<sup>2</sup>

Without separated busbar



6 x 65 x 56.5  
10 / 4  
0.13...4

| IEC 60947-7-1       |         |     |
|---------------------|---------|-----|
| IEC                 | UL      | CSA |
| 400                 |         |     |
| 10                  |         |     |
| 4                   |         |     |
|                     | 6 / 3   |     |
|                     | A3 / V2 |     |
| Rated connection    |         |     |
| 0.2...4 / 1.5...4   |         |     |
| 0.2...4 / 0.5...2.5 |         |     |
| 0.5...1.0 Nm (M 3)  |         |     |
| 9 / 0.6 x 3.5 mm    |         |     |

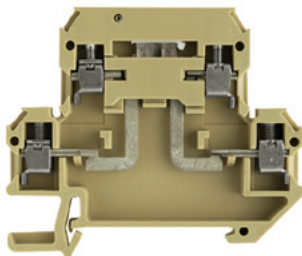
| Type                                | Qty. | Order No.  |
|-------------------------------------|------|------------|
| DKT 4/35                            | 100  | 0687460000 |
| DKT 4/35 2 StB Order No. 0327960000 |      |            |

| Type           | current | Qty. | Order No.  |
|----------------|---------|------|------------|
| QB 2 WI RA6 IS | 27 A    | 50   | 0482700000 |
| QB 3 WI RA6 IS | 27 A    | 50   | 0482800000 |
| QB 4 WI RA6 IS | 27 A    | 50   | 0482900000 |
| Width          |         |      |            |
| PS 2.3 RT      | 5.4 mm  | 20   | 0180400000 |
|                |         |      |            |
| AP DKT4 PA     | 1.5 mm  | 20   | 0687560000 |

DEK 5/6

DKT 4 V

4 mm<sup>2</sup>



6 x 65 x 56.5  
10 / 4  
0.13...4

| IEC 60947-7-1       |         |     |
|---------------------|---------|-----|
| IEC                 | UL      | CSA |
| 400                 |         |     |
| 10                  |         |     |
| 4                   |         |     |
|                     | 6 / 3   |     |
|                     | A3 / V2 |     |
| Rated connection    |         |     |
| 0.5...4 / 1.5...4   |         |     |
| 0.5...4 / 0.5...2.5 |         |     |
| 0.5...1.0 Nm (M 3)  |         |     |
| 9 / 0.6 x 3.5 mm    |         |     |

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| DKT 4V/35 2STB | 100  | 1304960000 |

| Type           | current | Qty. | Order No.  |
|----------------|---------|------|------------|
| QB 2 WI RA6 IS | 27 A    | 50   | 0482700000 |
| QB 3 WI RA6 IS | 27 A    | 50   | 0482800000 |
| QB 4 WI RA6 IS | 27 A    | 50   | 0482900000 |
| Width          |         |      |            |
| PS 2.3 RT      | 5.4 mm  | 20   | 0180400000 |
|                |         |      |            |
| AP DKT4 PA     | 1.5 mm  | 20   | 0687560000 |

DEK 5/6

## Disconnect terminals

## TS 35 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                     |                 |
|------------------------------------------------|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note                                           |                 |

## Ordering data

| Version | Medium yellow |
|---------|---------------|
| Note    |               |

## Accessories

| Screwable cross-connection  |                   |
|-----------------------------|-------------------|
|                             | 2-pole            |
|                             | 3-pole            |
|                             | 4-pole            |
|                             | Connecting sleeve |
|                             | Mounting screw    |
|                             | Lock washer       |
| External cross-connection   |                   |
|                             | 2-pole            |
|                             | 3-pole            |
|                             | 4-pole            |
| Testing / Checking          |                   |
|                             | Test plug         |
|                             | Socket            |
| End plate / Partition plate |                   |
|                             | Medium yellow     |
|                             | Blue              |
|                             | beige             |
|                             | Medium yellow     |
|                             | Blue              |

| Marking systems                                                                                    | (see assortment in catalogue 7) |
|----------------------------------------------------------------------------------------------------|---------------------------------|
|                                                                                                    | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

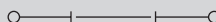
## SAKC 4/35

4 mm<sup>2</sup>

6.5 x 49.5 x 59.5

25 / 6

0.33...6



IEC 60947-7-1

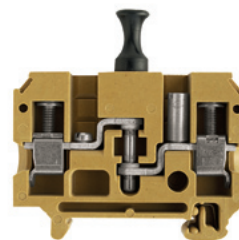
| IEC                                                                                                                                                                 | UL          | CSA         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|
| 400                                                                                                                                                                 | 300         | 300         |
| 25                                                                                                                                                                  | 25          | 25          |
| 4                                                                                                                                                                   | AWG 22...12 | AWG 22...10 |
| 6 / 3                                                                                                                                                               |             |             |
| A4 / 5VA                                                                                                                                                            |             |             |
|   |             |             |
| <b>Rated connection</b>                                                                                                                                             |             |             |
| 0.5...6 / 1.5...4                                                                                                                                                   |             |             |
| 0.5...4 / 0.5...4                                                                                                                                                   |             |             |
| 0.5...1.0 Nm (M 3)                                                                                                                                                  |             |             |
| 12 / 0.6 x 3.5 mm                                                                                                                                                   |             |             |
| *UNDEFINED TEXT*                                                                                                                                                    |             |             |

| Type                                                                                        | Qty. | Order No.  |
|---------------------------------------------------------------------------------------------|------|------------|
| SAKC 4/35                                                                                   | 100  | 0357520000 |
| SAKC 4/35 2 StB order no. 0340620000.<br>Tightening torque via the sockets is 0.5 - 0.7 Nm. |      |            |

| Type              | Qty.   | Order No.     |
|-------------------|--------|---------------|
|                   |        |               |
|                   |        |               |
|                   |        |               |
|                   |        |               |
|                   |        |               |
| current           |        |               |
| QB 2 WI RA6 IS    | 27 A   | 50 0482700000 |
| QB 3 WI RA6 IS    | 27 A   | 50 0482800000 |
| QB 4 WI RA6 IS    | 27 A   | 50 0482900000 |
| Width             |        |               |
| PS 2.3 RT         | 5.4 mm | 20 0180400000 |
|                   |        |               |
|                   |        |               |
| AP SAK4-10 KRG    | 1.5 mm | 20 0117920000 |
| AP SAK4-10 KRG/BL | 1.5 mm | 20 0117970000 |
|                   |        |               |
| TW SAK4-10 KRG    | 2.5 mm | 20 0130120000 |
| TW SAK4-10 KRG/BL | 2.5 mm | 20 0130170000 |

| Marking systems | (see assortment in catalogue 7)                      |
|-----------------|------------------------------------------------------|
|                 | DEK 5/6,5                                            |
|                 | Dummy plug and pull out tool see chapter accessories |

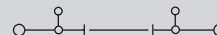
## SAKC 10/35

10 mm<sup>2</sup>

12 x 65 x 48.5

27 / 10

0.5...10



IEC 60947-7-1

| IEC                                                                                  | UL         | CSA         |
|--------------------------------------------------------------------------------------|------------|-------------|
| 500                                                                                  | 300        | 600         |
| 27                                                                                   | 25         | 25          |
| 10                                                                                   | AWG 22...8 | AWG 20...10 |
| 6 / 3                                                                                |            |             |
| B6 / 5VA                                                                             |            |             |
|   |            |             |
| Rated connection                                                                     |            |             |
| 0.5...10 / 1.5...10                                                                  |            |             |
| 0.5...10 / 0.5...10                                                                  |            |             |
| 1.2...2.4 Nm (M 4)                                                                   |            |             |
| 12 / 1.0 x 5.5 mm                                                                    |            |             |
| Connections for stranded conductors from 10 mm² require a tightening torque of 2 Nm. |            |             |

| Type                                                                                    | Qty. | Order No.  |
|-----------------------------------------------------------------------------------------|------|------------|
| SAKC 10/35 1STB4 KRG                                                                    | 50   | 1404520000 |
| SAKC 10/35 2 StB4 Order No. 1404620000.<br>Tightening torque via the sockets is 1.2 Nm. |      |            |

| Type                  | current | Qty. | Order No.  |
|-----------------------|---------|------|------------|
| QL 2 SAKA10           | 47 A    | 50   | 0135500000 |
| QL 3 SAKA10           | 47 A    | 50   | 0135600000 |
| QL 4 SAKA10           | 47 A    | 50   | 0135700000 |
| VH 13.6/7/4.2 SAKA10  |         | 50   | 0299700000 |
| BFSC M4X20            |         | 100  | 0362800000 |
| SS M4 D 128-A 4       |         | 100  | 0136400000 |
|                       |         |      |            |
|                       |         |      |            |
| Width                 |         |      |            |
| PS 4 F.STB 4          | 7.6 mm  | 20   | 0299600000 |
| STB 17/D6/4/M4 SAKC10 |         | 50   | 0147100000 |
|                       |         |      |            |
| AP SAKB/C/T KRG       | 3 mm    | 20   | 0146720000 |
|                       |         |      |            |
| TW SAKB/C/T1          | 1.5 mm  | 20   | 0242960000 |
| TW SAKB-C-T           | 3 mm    | 20   | 0242920000 |

| Marking systems | (see assortment in catalogue 7)        |
|-----------------|----------------------------------------|
|                 | DEK 5/6,5                              |
|                 | Pull out force look under Accessories. |



## Fuse terminals

## TS 35 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                       |                 |
|--------------------------------------------------|-----------------|
| Rated voltage                                    | V               |
| Rated current                                    | A               |
| Rated cross-section                              | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity       | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class   |                 |
| Approvals                                        |                 |
| Clamped conductors (H05V/H07V)                   |                 |
| solid / stranded                                 | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules       | mm <sup>2</sup> |
| Tightening torque range (clamping screw)         |                 |
| Stripping length / Blade size                    | mm/-            |
| 2 conductors with same cross-section (H05V/H07V) |                 |
| solid / stranded                                 | -               |
| flexible / Stranded wire with end ferrules       | -               |
| Note                                             |                 |

## Ordering data

| Version |
|---------|
|         |
| Note    |

## Accessories

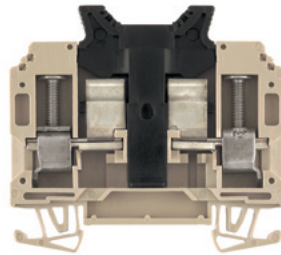
| G-fuse cartridge, 5 x 20mm (IEC 60127-2)  |  |
|-------------------------------------------|--|
| 0,10 A                                    |  |
| 0,20 A                                    |  |
| 0,25 A fast                               |  |
| 0,50 A fast                               |  |
| 0,63 A                                    |  |
| 1,00 A fast                               |  |
| 1,60 A                                    |  |
| 2,00 A fast                               |  |
| 2,50 A                                    |  |
| 3,15 A                                    |  |
| 4,00 A                                    |  |
| 5,00 A                                    |  |
| 6,30 A                                    |  |
| G25 with indicator / imperial (inch) fuse |  |
| 1,00 A                                    |  |
| 0,50 A medium slow / 2 A                  |  |
| 1,00 A medium slow / 3 A                  |  |
| Contact sleeve                            |  |

| Marking systems                                                                                    | (see assortment in catalogue 7) |
|----------------------------------------------------------------------------------------------------|---------------------------------|
|                                                                                                    | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

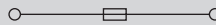
## KSKM 1

10 mm<sup>2</sup>

5 x 20



13 x 69 x 63  
**6.3 / 16**  
**0.13...16**



| IEC                                                                               | UL         | CSA |
|-----------------------------------------------------------------------------------|------------|-----|
| 250                                                                               | 600        |     |
| 6.3                                                                               | 10         |     |
| 10                                                                                | AWG 26...8 |     |
| B6 / V-0                                                                          |            |     |
|  |            |     |
| Rated connection                                                                  |            |     |
| 0.5...16                                                                          |            |     |
| 0.5...10                                                                          |            |     |
| 1.2...2.4 Nm (M 4)                                                                |            |     |
| 12 / 1.0 x 5.5 mm                                                                 |            |     |

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| KSKM 1/35 G20 | 20   | 9509600000 |

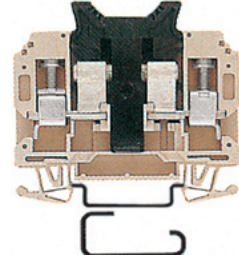
| Type         | Qty. | Order No.  |
|--------------|------|------------|
| G 20/0.10A/F | 10   | 0430300000 |
| G 20/0.20A/F | 10   | 0430400000 |
| G 20/0.25A/F | 10   | 0430500000 |
| G 20/0.50A/F | 10   | 0430600000 |
| G 20/0.63A/F | 10   | 0439000000 |
| G 20/1.00A/F | 10   | 0430700000 |
| G 20/1.60A/F | 10   | 0430800000 |
| G 20/2.00A/F | 10   | 0430900000 |
| G 20/2.50A/F | 10   | 0431000000 |
| G 20/3.15A/F | 10   | 0431100000 |
| G 20/4.00A/F | 10   | 0431200000 |
| G 20/5.00A/F | 10   | 0431300000 |
| G 20/6.30A/F | 10   | 0431400000 |
| SBL/1912     | 10   | 0446100000 |

| Marking systems                                                                                    | (see assortment in catalogue 7) |
|----------------------------------------------------------------------------------------------------|---------------------------------|
|                                                                                                    | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

## KSKM 2

10 mm<sup>2</sup>

1" x 1/4"



13 x 69 x 63  
**13 / 16**  
**0.13...16**



| IEC                                                                                 | UL         | CSA |
|-------------------------------------------------------------------------------------|------------|-----|
| 250                                                                                 | 600        |     |
| 13                                                                                  | 15         |     |
| 10                                                                                  | AWG 26...8 |     |
| B6 / V-0                                                                            |            |     |
|  |            |     |
| Rated connection                                                                    |            |     |
| 0.5...16                                                                            |            |     |
| 0.5...10                                                                            |            |     |
| 1.2...2.4 Nm (M 4)                                                                  |            |     |
| 12 / 1.0 x 5.5 mm                                                                   |            |     |

| Type               | Qty. | Order No.  |
|--------------------|------|------------|
| KSKM 2/35 GZ 1X1/4 | 20   | 9509610000 |

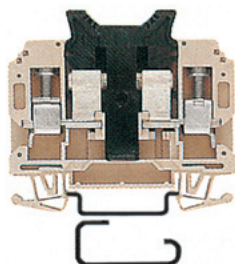
| Type     | Width | Qty. | Order No.  |
|----------|-------|------|------------|
| SBL/2111 |       | 10   | 0446200000 |

| Marking systems                                                                                    | (see assortment in catalogue 7) |
|----------------------------------------------------------------------------------------------------|---------------------------------|
|                                                                                                    | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

### KSKM 3

**10 mm<sup>2</sup>**

1 1/4" x 1/4"



13 x 69 x 63.2

10 / 16

0,33...16



| IEC | UL         | CSA |
|-----|------------|-----|
| 440 | 600        |     |
| 10  | 15         |     |
| 10  | AWG 22...8 |     |

B6 / V-0



## Rated connection

0.5...16

---

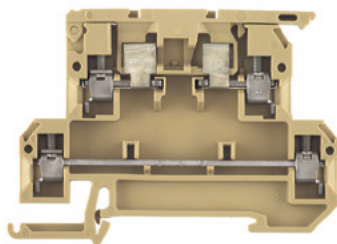
0.5...10

1.2...2.4 Nm (M 4)

12 / 1.0 x 5.5 mm

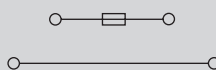
## KDKS 1/35

4 mm<sup>2</sup>


$$8 \times 73.5 \times 55.6$$

6.3 / 4

0,33...4



IEC 60947-7-3

| IEC | UL          | CSA |
|-----|-------------|-----|
| 500 | 300         |     |
| 6.3 | 10          |     |
| 4   | AWG 22...12 |     |

6 / 3

A3 / V2



## Rated connection

---

0.5...4 / 1.5...4

---

0.5...4 / 0.5...4

0.5...0.8 Nm (M 3)

9 / 0.6 x 3.5 mm

Note: max. conductor size = 2.5 mm<sup>2</sup> when using the cross-connection.

| Type                   | Qty. | Order No.  |
|------------------------|------|------------|
| KSKM 3/35 GZ 1 1/4X1/4 | 20   | 9509620000 |

| Type      | Qty. | Order No.  |
|-----------|------|------------|
| KDKS 1/35 | 50   | 9503310000 |

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

| Type      | Width | Qty. | Order No.  |
|-----------|-------|------|------------|
|           |       |      |            |
|           |       |      |            |
|           |       |      |            |
|           |       |      |            |
|           |       |      |            |
|           |       |      |            |
|           |       |      |            |
|           |       |      |            |
|           |       |      |            |
| GZ 1.0A/F |       | 10   | 0525500000 |
| GZ 2.0A   |       | 10   | 0294500000 |
| GZ 3.0A   |       | 10   | 0295700000 |
| SBL/2489  |       | 10   | 0446300000 |

| Type         | Qty. | Order No.  |
|--------------|------|------------|
| G 20/0.10A/F | 10   | 0430300000 |
| G 20/0.20A/F | 10   | 0430400000 |
| G 20/0.25A/F | 10   | 0430500000 |
| G 20/0.50A/F | 10   | 0430600000 |
| G 20/1.00A/F | 10   | 0430700000 |
| G 20/1.60A/F | 10   | 0430800000 |
| G 20/2.00A/F | 10   | 0430900000 |
| G 20/2.50A/F | 10   | 0431000000 |
| G 20/3.15A/F | 10   | 0431100000 |
| G 20/4.00A/F | 10   | 0431200000 |
| G 20/5.00A/F | 10   | 0431300000 |
|              |      |            |
|              |      |            |
|              |      |            |
|              |      |            |
|              |      |            |
|              |      |            |
|              |      |            |
|              |      |            |
|              |      |            |
| KOHLE ASK1   | 100  | 0553300000 |

DEK 5/5

DEK 5/8

## Fuse terminals

## TS 35 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                     |                 |
|------------------------------------------------|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class | Approvals       |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note                                           |                 |

## Ordering data

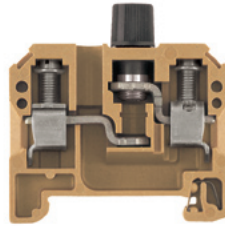
| Version             |  |
|---------------------|--|
| 500 V AC/DC         |  |
| With GL 230 V AC/DC |  |
| With GL 115 V AC/DC |  |
| With LED 48 V AC    |  |
| With LED 24 V AC    |  |
| With LED +- 24 V DC |  |
| 500 V AC/DC         |  |
| Note                |  |

## Accessories

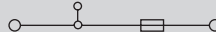
| Screwable cross-connection                                                          |               |
|-------------------------------------------------------------------------------------|---------------|
|  | 2-pole        |
|                                                                                     | 3-pole        |
|                                                                                     | 4-pole        |
|                                                                                     | 10-pole       |
| End plate / Partition plate                                                         |               |
|                                                                                     | Medium yellow |

| Marking systems                                                                                    | (see assortment in catalogue 7) |
|----------------------------------------------------------------------------------------------------|---------------------------------|
|                                                                                                    | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

## SAKS 1/35 5x20

10 mm<sup>2</sup>

13 x 54 x 61  
**10 / 16**  
**0.13...16**



| IEC                                                                                         | UL          | CSA         |
|---------------------------------------------------------------------------------------------|-------------|-------------|
| 500                                                                                         | 600         | 600         |
| 10                                                                                          | 6.3         | 10          |
| 10                                                                                          | AWG 22...10 | AWG 26...10 |
| 6 / 3                                                                                       |             |             |
| B6 / 5VA                                                                                    |             |             |
|            |             |             |
| Rated connection                                                                            |             |             |
| 0.5...16 / 1.5...10                                                                         |             |             |
| 0.5...10 / 0.5...10                                                                         |             |             |
| 1.2...2.4 Nm (M 4)                                                                          |             |             |
| 12 / 1.0 x 5.5 mm                                                                           |             |             |
| Connections for 10-mm <sup>2</sup> stranded conductors require a tightening torque of 2 Nm. |             |             |

| Type          | Qty. | Order No.         |
|---------------|------|-------------------|
| SAKS 1/35/G20 | 20   | <b>0501620000</b> |
|               |      |                   |
|               |      |                   |
|               |      |                   |
|               |      |                   |
|               |      |                   |
|               |      |                   |
|               |      |                   |

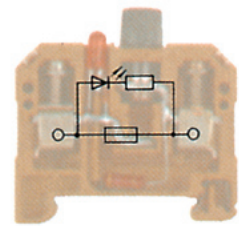
| Type           | current | Qty. | Order No.         |
|----------------|---------|------|-------------------|
| QL 2 SAKS1     | 36 A    | 50   | <b>0191400000</b> |
| QL 3 SAKS1     | 36 A    | 50   | <b>0191500000</b> |
| QL 4 SAKS1     | 36 A    | 20   | <b>0191600000</b> |
| QL 10 SAKS1    | 36 A    | 20   | <b>0338800000</b> |
| Width          |         |      |                   |
| AP SAKS1+3 KRG | 3 mm    | 20   | <b>0191320000</b> |

| Marking systems                                                                          |  |  |  |
|------------------------------------------------------------------------------------------|--|--|--|
| DEK 5/5                                                                                  |  |  |  |
| An M 3 x 6 mm screw, with order no. 0346200000, should be used for the cross-connection. |  |  |  |

## SAKS 1/35 5x20

10 mm<sup>2</sup>

With LED or glow lamp



13 x 54 x 61  
**6.3 / 16**  
**0.5...16**



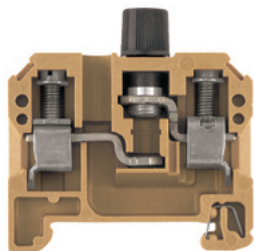
| IEC                                                                                 | UL         | CSA         |
|-------------------------------------------------------------------------------------|------------|-------------|
| 500                                                                                 |            |             |
| 6.3                                                                                 |            |             |
| 10                                                                                  | AWG 22...8 | AWG 26...10 |
|                                                                                     | 4 /        |             |
|                                                                                     | B6 / 5VA   |             |
|  |            |             |
| Rated connection                                                                    |            |             |
| 0.5...16 / 1.5...10                                                                 |            |             |
| 0.5...10 / 0.5...10                                                                 |            |             |
| 1.2...2.4 Nm (M 4)                                                                  |            |             |
| 12 / 1.0 x 5.5 mm                                                                   |            |             |
| Connections for 10-mm² stranded conductors require a tightening torque of 2 Nm.     |            |             |

| Type                    | Qty. | Order No.         |
|-------------------------|------|-------------------|
| SAKS 1/35 G20 GL 230VAC | 10   | <b>0199920000</b> |
| SAKS 1/35 G20 GL 115VAC | 10   | <b>8068330000</b> |
| SAKS 1/35 G20 LD 48VAC  | 10   | <b>0214020000</b> |
| SAKS 1/35 G20 LD 24VAC  | 10   | <b>1111320000</b> |
| SAKS 1/35 G20 LD 24VDC  | 10   | <b>0225820000</b> |
|                         |      |                   |
|                         |      |                   |
|                         |      |                   |

| Type           | Qty. | Order No.            |
|----------------|------|----------------------|
|                |      |                      |
|                |      |                      |
|                |      |                      |
|                |      |                      |
| Width          |      |                      |
| AP SAKS1+3 KRG | 3 mm | 20 <b>0191320000</b> |

| Marking systems |  |  |  |
|-----------------|--|--|--|
| DEK 5/5         |  |  |  |

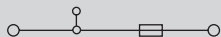
## SAKS 1/35 5x25

10 mm<sup>2</sup>

13 x 54 x 61

10 / 16

0.13...16



| IEC      | UL         | CSA         |
|----------|------------|-------------|
| 500      | 300        | 600         |
| 10       | 6.3        | 10          |
| 10       | AWG 22...8 | AWG 26...10 |
| 6 / 3    |            |             |
| B6 / 5VA |            |             |

**Rated connection**

0.5...16 / 1.5...10

0.5...10 / 0.5...10

1.2...2.4 Nm (M 4)

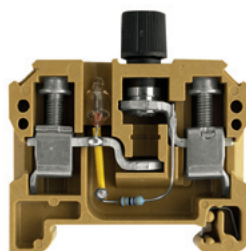
12 / 1.0 x 5.5 mm

Connections for 10-mm<sup>2</sup> stranded conductors require a tightening torque of 2 Nm.

## SAKS 1/35 5x25

10 mm<sup>2</sup>

With glow lamp



13 x 54 x 61

6.3 / 16

0.5...16



| IEC      | UL         | CSA         |
|----------|------------|-------------|
| 500      |            |             |
| 6.3      |            |             |
| 10       | AWG 22...8 | AWG 26...10 |
| 4 /      |            |             |
| B6 / 5VA |            |             |

**Rated connection**

0.5...16 / 1.5...10

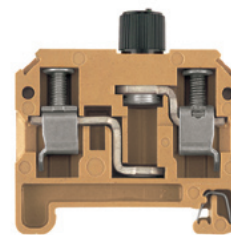
0.5...10 / 0.5...10

1.2...2.4 Nm (M 4)

12 / 1.0 x 5.5 mm

Connections for 10-mm<sup>2</sup> stranded conductors require a tightening torque of 2 Nm.

## SAKS 3/35

10 mm<sup>2</sup>

13 x 54 x 61

10 / 16

0.33...16



| IEC      | UL         | CSA         |
|----------|------------|-------------|
| 500      | 300        | 600         |
| 10       | 10         | 10          |
| 10       | AWG 22...8 | AWG 22...10 |
| 6 / 3    |            |             |
| B6 / 5VA |            |             |

**Rated connection**

0.5...16 / 1.5...10

0.5...10 / 0.5...10

1.2...2.4 Nm (M 4)

12 / 1.0 x 5.5 mm

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| SAKS 1/35/G25 | 20   | 0501520000 |
|               |      |            |
|               |      |            |
|               |      |            |
|               |      |            |
|               |      |            |
|               |      |            |
|               |      |            |
|               |      |            |
|               |      |            |

| Type                    | Qty. | Order No.  |
|-------------------------|------|------------|
| SAKS 1/35 G25 GL 230VAC | 10   | 0198620000 |
|                         |      |            |
|                         |      |            |
|                         |      |            |
|                         |      |            |
|                         |      |            |
|                         |      |            |
|                         |      |            |
|                         |      |            |
|                         |      |            |

| Type                  | Qty. | Order No.  |
|-----------------------|------|------------|
| SAKS 3/35 G/5X30 500V | 20   | 0328920000 |
|                       |      |            |
|                       |      |            |
|                       |      |            |
|                       |      |            |
|                       |      |            |
|                       |      |            |
|                       |      |            |
|                       |      |            |
|                       |      |            |

SAKS 3/35 GZ/6.3X32 20 0667520000

SAKS 3 1"x1/4" with a red cap available under 0667420000.

| Type           | current | Qty. | Order No.  |
|----------------|---------|------|------------|
| QL 2 SAKS1     | 36 A    | 50   | 0191400000 |
| QL 3 SAKS1     | 36 A    | 50   | 0191500000 |
| QL 4 SAKS1     | 36 A    | 20   | 0191600000 |
| QL 10 SAKS1    | 36 A    | 20   | 0338800000 |
| Width          |         |      |            |
| AP SAKS1+3 KRG | 3 mm    | 20   | 0191320000 |

| Type | Qty. | Order No. |
|------|------|-----------|
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |

| Width          |      |               |
|----------------|------|---------------|
| AP SAKS1+3 KRG | 3 mm | 20 0191320000 |

| Type | Qty. | Order No. |
|------|------|-----------|
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |
|      |      |           |

| Width          |      |               |
|----------------|------|---------------|
| AP SAKS1+3 KRG | 3 mm | 20 0191320000 |

DEK 5/5

An M 3 x 6 mm screw, with order no. 0346200000, should be used for the cross-connection.

DEK 5/5

DEK 5/5

## Fuse terminals

## TS 35 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                     |                 |
|------------------------------------------------|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class | Approvals       |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note                                           |                 |

## Ordering data

| Version |             |
|---------|-------------|
|         | Without LED |
| Note    |             |

## Accessories

| Screwable cross-connection |                |
|----------------------------|----------------|
|                            | 2-pole         |
|                            | 3-pole         |
|                            | 4-pole         |
|                            | 10-pole        |
|                            | Mounting screw |
|                            | Lock washer    |
| Screw cover cap            |                |
|                            | SK             |
| Gauge rings                |                |
|                            |                |
| Fuse cartridges            |                |



Screw cover cap

Gauge rings

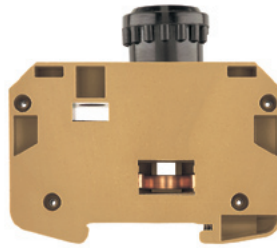
Fuse cartridges

Marking systems (see assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

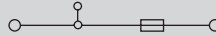
## SAKS 2/35

10 mm<sup>2</sup>

27.6 x 80 x 75

10 / 16

0.33...16



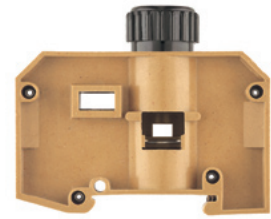
IEC 60947-7-3

| IEC                                                                                                                        | UL | CSA        |
|----------------------------------------------------------------------------------------------------------------------------|----|------------|
| 500                                                                                                                        |    | 600        |
| 10                                                                                                                         |    | 25         |
| 10                                                                                                                         |    | AWG 22...8 |
|                                                                                                                            |    | 6 / 3      |
|                                                                                                                            |    | B6 / 5VA   |
|                                                                                                                            |    |            |
| Rated connection                                                                                                           |    |            |
| 0.5...16 / 0.5...10                                                                                                        |    |            |
| 0.5...10 / 0.5...10                                                                                                        |    |            |
| 1.2...2.4 Nm (M 4)                                                                                                         |    |            |
| 12 / 1.0 x 5.5 mm                                                                                                          |    |            |
| Connections for stranded conductors from 10 mm <sup>2</sup> and 7-wire AWG conductors require a tightening torque of 2 Nm. |    |            |

## SAKS 4/35

10 mm<sup>2</sup>

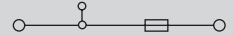
## D 01-fuses



24 x 75 x 66

16 / 16

0.33...16



IEC 60947-7-3

| IEC                                                                                                                        | UL | CSA        |
|----------------------------------------------------------------------------------------------------------------------------|----|------------|
| 400                                                                                                                        |    | 600        |
| 16                                                                                                                         |    | 30         |
| 10                                                                                                                         |    | AWG 22...8 |
|                                                                                                                            |    | 6 / 3      |
|                                                                                                                            |    | B6 / 5VA   |
|                                                                                                                            |    |            |
| Rated connection                                                                                                           |    |            |
| 0.5...16 / 1.5...10                                                                                                        |    |            |
| 0.5...10 / 0.5...10                                                                                                        |    |            |
| 1.2...2.4 Nm (M 4)                                                                                                         |    |            |
| 14 / 1.0 x 5.5 mm                                                                                                          |    |            |
| Connections for stranded conductors from 10 mm <sup>2</sup> and 7-wire AWG conductors require a tightening torque of 2 Nm. |    |            |

| Type      | Qty. | Order No.  |
|-----------|------|------------|
| SAKS 2/35 | 20   | 1368720000 |

| Type      | Qty. | Order No.  |
|-----------|------|------------|
| SAKS 4/35 | 20   | 0501820000 |

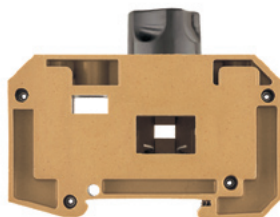
| Type             | current | Qty. | Order No.  |
|------------------|---------|------|------------|
| QL 2 SAKS2       | 47 A    | 20   | 0207800000 |
| QL 3 SAKS2       | 47 A    | 20   | 0207900000 |
| QL 4 SAKS2       | 47 A    | 20   | 0208000000 |
| QL 10 SAKS2      | 47 A    | 20   | 0338900000 |
| BFSC M4X9T       |         | 100  | 0103300000 |
| SS M4 D 128-A 4  |         | 100  | 0136400000 |
| Width            |         |      |            |
| SK E16/SAKS2     |         | 25   | 0284110000 |
| P 16/10 RT SAKS2 |         | 100  | 0208900000 |
| P 16/16 GR SAKS2 |         | 100  | 0209000000 |
| P 16/20 BL SAKS2 |         | 100  | 0209100000 |
| E 16/10A RT TNDZ |         | 25   | 0208500000 |
| E 16/16A GR TNDZ |         | 25   | 0208600000 |
| E 16/20A BL TNDZ |         | 25   | 0208700000 |
| E 16/25A GE TNDZ |         | 25   | 0208800000 |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| QL 2 SAKS4           | 36 A    | 20   | 0328000000 |
| QL 3 SAKS4           | 36 A    | 20   | 0328100000 |
| QL 4 SAKS4           | 36 A    | 20   | 0328200000 |
| QL 10 SAKS4          | 36 A    | 20   | 0339000000 |
| BFSC M4X9T           |         | 100  | 0103300000 |
| SS M4 D 128-A 4      |         | 100  | 0136400000 |
| Width                |         |      |            |
| SK E14 SAKS4         |         | 20   | 0339410000 |
| P 14/2 D01 RS SAKS4  |         | 50   | 0138000000 |
| P 14/4 D01 BR SAKS4  |         | 50   | 0138100000 |
| P 14/10 D01 RT SAKS4 |         | 50   | 0328700000 |
| P 14/6 D01 GN SAKS4  |         | 50   | 0328600000 |
| E 14/2A RS           |         | 10   | 0137400000 |
| E 14/4A BR           |         | 10   | 0137500000 |
| E 14/6A GN           |         | 10   | 0328300000 |
| E 14/10A RT          |         | 10   | 0328400000 |
| E 14/16A GR          |         | 10   | 0328500000 |

|         |
|---------|
| DEK 5/5 |
|---------|

|         |
|---------|
| DEK 5/5 |
|---------|

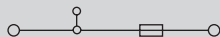
## D 02 - fuse



28 x 80 x 66

63 / 16

1.5...16



| IEC 60947-7-3 |            |            |
|---------------|------------|------------|
| IEC           | UL         | CSA        |
| 400           | 600        | 600        |
| 63            | 40         | 63         |
| 16            | AWG 14...6 | AWG 14...6 |
| 6 / 3         |            |            |
| B7 / 5VA      |            |            |







### Rated connection

1.5...16 / 1.5...16

$$\frac{1.5 \dots 16}{1.5 \dots 16}$$

1.2...2.4 Nm (M 4)

13 / 1.0 x 5.5 mm

Connections for stranded conductors from 10 mm<sup>2</sup> and 7-wire AWG conductors require a tightening torque of 2 Nm.

| Type      | Qty. | Order No.  |
|-----------|------|------------|
| SAKS 5/35 | 20   | 0502120000 |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| QL 2 SAKS2           | 47 A    | 20   | 0207800000 |
| QL 3 SAKS2           | 47 A    | 20   | 0207900000 |
| QL 4 SAKS2           | 47 A    | 20   | 0208000000 |
| QL 10 SAKS2          | 47 A    | 20   | 0338900000 |
| BFSC M4X9T           |         | 100  | 0103300000 |
| SS M4 D 128-A 4      |         | 100  | 0136400000 |
| Width                |         |      |            |
| SK E18 SAKS5         |         | 20   | 0359310000 |
|                      |         |      |            |
| P 18/20 D02 BL SAKS5 |         | 50   | 0361800000 |
| P 18/25 D02 GE SAKS5 |         | 50   | 0361900000 |
| P 18/35 D02 SW SAKS5 |         | 50   | 0362000000 |
| P 18/50 D02 WS SAKS5 |         | 50   | 0362100000 |
|                      |         |      |            |
| E 18/20A BL          |         | 10   | 0361300000 |
| E 18/25A GE          |         | 10   | 0361400000 |
| E 18/50A WS          |         | 10   | 0361600000 |
| E 18/63A KU          |         | 10   | 0361700000 |

DEK 5/5

Partition wall TW HP (2.0) order no. 0607000000 only for TS 32

## Fuse inserts and gauge rings for Weidmüller fuse terminals

## Fuse inserts

## Technical data

| for terminal type    |                                                                                     |                                                                                      |     |                                                                                                                | Order data                     |
|----------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----|----------------------------------------------------------------------------------------------------------------|--------------------------------|
| SAKS 1               |    | 5 x 20<br>Breaking capacity 1500 A<br>(at 250 V, 50 Hz, cos φ 0.7)                   | 250 | <b>G fuse inserts 5 x 20 without indicator acc. to IEC 60127-2 (VDE 0820 T.2 BI <sup>1)</sup>)</b>             |                                |
| SAKS 7               |                                                                                     |                                                                                      |     | <b>Size (mm)</b>                                                                                               | <b>Rated voltage (V)</b>       |
| ASK 1                |                                                                                     |                                                                                      |     | <b>Rated current (A)</b>                                                                                       | <b>Type</b>                    |
| WSI 6                |                                                                                     |                                                                                      |     | 0.1                                                                                                            | (F) G 20/0.10A/F               |
|                      |                                                                                     |                                                                                      |     | 0.2                                                                                                            | (F) G 20/0.20A/F               |
|                      |                                                                                     |                                                                                      |     | 0.25                                                                                                           | (F) G 20/0.25A/F               |
|                      |                                                                                     |                                                                                      |     | 0.5                                                                                                            | (F) G 20/0.50A/F               |
|                      |                                                                                     |                                                                                      |     | 0.63                                                                                                           | (F) G 20/0.63A/F               |
|                      |                                                                                     |                                                                                      |     | 1.0                                                                                                            | (F) G 20/1.00A/F               |
|                      |                                                                                     |                                                                                      |     | 1.6                                                                                                            | (F) G 20/1.60A/F               |
|                      |                                                                                     |                                                                                      |     | 2.0                                                                                                            | (F) G 20/2.00A/F               |
|                      |                                                                                     |                                                                                      |     | 2.5                                                                                                            | (F) G 20/2.50A/F               |
|                      |                                                                                     |                                                                                      |     | 3.15                                                                                                           | (F) G 20/3.15A/F               |
|                      |                                                                                     |                                                                                      |     | 4.0                                                                                                            | (F) G 20/4.00A/F               |
|                      |                                                                                     |                                                                                      |     | 5.0                                                                                                            | (F) G 20/5.00A/F               |
|                      |                                                                                     |                                                                                      |     | 6.3                                                                                                            | (F) G 20/6.30A/F               |
|                      |                                                                                     |                                                                                      |     | (M) = medium-delayed action (F) = fast                                                                         |                                |
|                      |                                                                                     |                                                                                      |     |                                                                                                                |                                |
| SAKS 1               |    | 5 x 25 m. K. <sup>1)</sup><br>Breaking capacity 80 A<br>(at 250 V, 50 Hz, cos φ = 1) | 250 | <b>G fuse inserts 5 x 25 with indicator acc. to DIN 41576 <sup>1)</sup>)</b>                                   |                                |
| SAKS 7               |                                                                                     |                                                                                      |     | 0.25                                                                                                           | (M) G 25/0.25A/M               |
| WSI 6                |                                                                                     |                                                                                      |     | 0.5                                                                                                            | (M) G 25/0.50A/M               |
|                      |                                                                                     |                                                                                      |     | 0.8                                                                                                            | (M) G 25/0.80A/M               |
|                      |                                                                                     |                                                                                      |     | 1                                                                                                              | (M) G 25/1.00A/M               |
|                      |                                                                                     |                                                                                      |     | 10                                                                                                             | (M) <sup>2)</sup> G 25/10.0A/M |
|                      |                                                                                     |                                                                                      |     | 2                                                                                                              | (F) G 25/2.00A/F               |
|                      |                                                                                     |                                                                                      |     | 4                                                                                                              | (F) G 25/4.00A/F               |
|                      |                                                                                     |                                                                                      |     | 6.3                                                                                                            | (F) G 25/6.30A/F               |
|                      |                                                                                     |                                                                                      |     | (M) = medium-delayed action (F) = fast                                                                         |                                |
|                      |                                                                                     |                                                                                      |     |                                                                                                                |                                |
| SAKS 3 <sup>2)</sup> |  | 33 kA Breaking capacity 33 kA fast                                                   | 440 | <b>Fuse inserts 1 1/4" x 1/4" without indicator acc. to BS 88</b>                                              |                                |
| SAKS 6               |                                                                                     |                                                                                      |     | 0.5                                                                                                            | GZ 0.5A/F                      |
|                      |                                                                                     |                                                                                      |     | 1                                                                                                              | GZ 1.0A/F                      |
|                      |                                                                                     |                                                                                      |     | 2                                                                                                              | GZ 2.0A                        |
|                      |                                                                                     |                                                                                      |     | 3                                                                                                              | GZ 3.0A                        |
|                      |                                                                                     |                                                                                      |     | 5                                                                                                              | GZ 5.0A                        |
|                      |                                                                                     |                                                                                      |     | 7                                                                                                              | GZ 7.0A                        |
|                      |                                                                                     |                                                                                      |     | 10                                                                                                             | GZ 10.0A                       |
|                      |                                                                                     |                                                                                      |     | 12.5                                                                                                           | GZ 12.5A/FF                    |
|                      |                                                                                     |                                                                                      |     | (F) = fast (M) = medium-delayed action                                                                         |                                |
|                      |                                                                                     |                                                                                      |     |                                                                                                                |                                |
| SAKS 2               |  | E 10 A<br>E 16 A<br>E 20 A<br>E 25 A                                                 | 500 | <b>D fuse inserts E 16 with indicator acc. to DIN 49360 (diazed)</b>                                           |                                |
|                      |                                                                                     |                                                                                      |     | 10                                                                                                             | E 16/10A RT                    |
|                      |                                                                                     |                                                                                      |     | 16                                                                                                             | E 16/16A GR                    |
|                      |                                                                                     |                                                                                      |     | 20                                                                                                             | E 16/20A BL                    |
|                      |                                                                                     |                                                                                      |     | 25                                                                                                             | E 16/25A GE                    |
|                      |                                                                                     |                                                                                      |     | (F) = fast (M) = medium-delayed action                                                                         |                                |
|                      |                                                                                     |                                                                                      |     |                                                                                                                |                                |
| SAKS 4 <sup>3)</sup> |  | E 14/2<br>E 14/4<br>E 14/6<br>E 14/10<br>E 14/16                                     | 400 | <b>D fuse inserts E 14 Size D 01 and E 18 size D 02 with indicator acc. to DIN 49522 (neozed)<sup>3)</sup></b> |                                |
|                      |                                                                                     |                                                                                      |     | 2                                                                                                              | E 14/2A RS                     |
|                      |                                                                                     |                                                                                      |     | 4                                                                                                              | E 14/4A BR                     |
|                      |                                                                                     |                                                                                      |     | 6                                                                                                              | E 14/6A GN                     |
|                      |                                                                                     |                                                                                      |     | 10                                                                                                             | E 14/10A RT                    |
|                      |                                                                                     |                                                                                      |     | 16                                                                                                             | E 14/16A GR                    |
| SAKS 5               |  | E 18/20<br>E 18/25<br>E 18/35<br>E 18/50<br>E 18/63                                  | 400 | 20                                                                                                             | E 18/20A BL                    |
|                      |                                                                                     |                                                                                      |     | 25                                                                                                             | E 18/25A GE                    |
|                      |                                                                                     |                                                                                      |     | 35                                                                                                             | E 18/35A SW                    |
|                      |                                                                                     |                                                                                      |     | 50                                                                                                             | E 18/50A WS                    |
|                      |                                                                                     |                                                                                      |     | 63                                                                                                             | E 18/63A KU                    |
|                      |                                                                                     |                                                                                      |     | (F) = fast (M) = medium-delayed action                                                                         |                                |
|                      |                                                                                     |                                                                                      |     |                                                                                                                |                                |

**Note:** <sup>1)</sup> The SIBA company also supplies 5 x 25 G fuse inserts with indicators in a shipbuilding model for 450 V AC.

<sup>2)</sup> 5 x 30 (500 V AC) fuse inserts for SAKS 3 are available from the WICKMANN company

<sup>3)</sup> The LINDNER company also supplies neozed fuse cartridges in an additional shipbuilding mode for 440 V AC.

<sup>4)</sup> Fuse cartridges with the dimensions 1"x1/2" ≅ 25.4x6.35 mm and 13/32"x1 1/2" ≅ 10.3x38.1 mm are not included in product line.

<sup>5)</sup> Only for SAKS 1 and SAKS 7.

## A

## A

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## Installation terminals

### TS 35 / PA

These NT modular terminals are prescribed for insulation measurements without detaching the conductors according to VDE standards for places of public assembly.

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

### Technical data

| Rated data                                     |                 |
|------------------------------------------------|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note                                           |                 |

### Ordering data

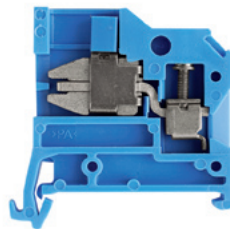
| Version |
|---------|
| Blue    |
| Note    |

### Accessories

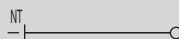
| Support bracket for 10 x 3 (required every 20 cm) |                                              |
|---------------------------------------------------|----------------------------------------------|
|                                                   | Blue                                         |
| Busbar 10 x 3 (140 A)                             |                                              |
| OK, Busbar up to OK, TS35 = 25,5 mm               |                                              |
| Clamping yoke for power supply to 10 x 3 busbars  |                                              |
|                                                   | Rigid / flexible 0,5 - 6 / 4 mm <sup>2</sup> |
|                                                   | rigid / flexible 6 - 16 mm <sup>2</sup>      |
|                                                   | Flexible 16 - 35 mm <sup>2</sup>             |



### NT 2.5/35

2.5 mm<sup>2</sup>

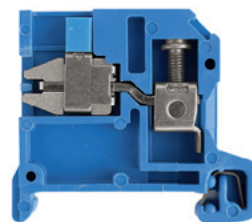
6 x 45 x 44  
**24 / 4**  
**0.33...4**



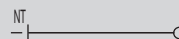
IEC 60947-7-1

| IEC                                                   | UL          | CSA         |
|-------------------------------------------------------|-------------|-------------|
| 400                                                   | 300         | 300         |
| 24                                                    | 20          | 25          |
| 2.5                                                   | AWG 22...12 | AWG 22...12 |
| 6 / 3                                                 |             |             |
| A3 / V2                                               |             |             |
|                                                       |             |             |
| Rated connection                                      |             |             |
| 0.5...4 / 0.5...4                                     |             |             |
| 0.5...0.5 / 0.5...2.5                                 |             |             |
| 0.5...0.8 Nm (M 2.5)                                  |             |             |
| 10 / 0.6 x 3.5 mm                                     |             |             |
| Tightening torque via disconnecter is 0.5 ... 0.8 Nm. |             |             |

### NT 6/35

6 mm<sup>2</sup>

8 x 49 x 44  
**41 / 10**  
**0.5...10**



IEC 60947-7-1

| IEC                                                   | UL         | CSA         |
|-------------------------------------------------------|------------|-------------|
| 400                                                   | 300        | 300         |
| 41                                                    | 40         | 40          |
| 6                                                     | AWG 22...8 | AWG 20...10 |
| 6 / 3                                                 |            |             |
| A5 / 5VA                                              |            |             |
|                                                       |            |             |
| Rated connection                                      |            |             |
| 0.5...10 / 0.5...10                                   |            |             |
| 0.5...10 / 0.5...6                                    |            |             |
| 0.8...1.4 Nm (M 3.5)                                  |            |             |
| 12 / 0.8 x 4 mm                                       |            |             |
| Tightening torque via disconnecter is 0.5 ... 0.8 Nm. |            |             |

| Type                | Qty. | Order No.  |
|---------------------|------|------------|
| NT 6/35 10X3 KRG/BL | 100  | 0501470000 |

| Type                 | Width  | Qty. | Order No.  |
|----------------------|--------|------|------------|
| HP NT6/10 BL         | 1.5 mm | 20   | 0352880000 |
| SSCH 10X3X1000 CU/SN | 10 mm  | 1    | 0348900000 |
| ZB 4                 | 5.6 mm | 50   | 0316500000 |
| ZB 16 ZKSC           | 10 mm  | 50   | 0316600000 |
| ZB 35/M6X16          | 14 mm  | 20   | 0266500000 |

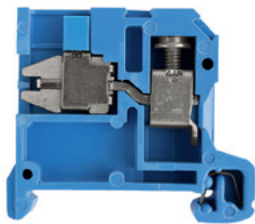
| Marking systems                                                                                    | (see assortment in catalogue 7) |
|----------------------------------------------------------------------------------------------------|---------------------------------|
| For detailed information on other accessories and applications, refer to the „Accessories“ section | Marking tags                    |

| DEK 5/6                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------|
| Refer to the „Accessories“ section for PEN bridges and additional clamping-yoke versions. Use of twin wire-end ferrules on request. |

| DEK 5/6                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------|
| Refer to the „Accessories“ section for PEN bridges and additional clamping-yoke versions. Use of twin wire-end ferrules on request. |

NT 10/35

10 mm²



10 x 45 x 44  
57 / 16  
0.5...16



IEC 60947-7-1

| IEC     | UL         | CSA        |
|---------|------------|------------|
| 400     | 300        | 300        |
| 57      | 50         | 50         |
| 10      | AWG 14...8 | AWG 14...8 |
| 6 / 3   |            |            |
| B6 / V2 |            |            |



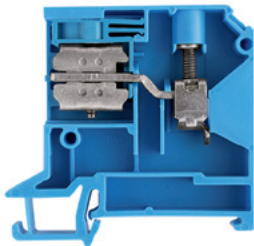
Rated connection

0.5...16 / 0.5...10  
0.5...10 / 0.5...10  
1.2...1.6 Nm (M 4)  
12 / 1.0 x 5.5 mm

Tightening torque via disconnecter is 0.5 ... 0.8 Nm. Fix 10 mm² stranded connection with 2 Nm tightening torque.

NT 16/35

16 mm²



12 x 59.5 x 58  
76 / 16  
2.5...16



IEC 60947-7-1

| IEC     | UL         | CSA        |
|---------|------------|------------|
| 400     | 300        | 300        |
| 76      | 65         | 70         |
| 16      | AWG 16...6 | AWG 12...6 |
| 6 / 3   |            |            |
| B6 / V2 |            |            |



Rated connection

2.5...16 / 2.5...10  
2.5...16 / 2.5...2.5  
1.2...1.6 Nm (M 4)  
12 / 1.0 x 5.5 mm

Isolator can accommodate 0.8...1.4 Nm. 10 and 16 mm² stranded and AWG B/7 connections are to be fixed with 2.4 Nm tightening torque.

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| NT 10/35 10X3 BL | 50   | 0471880000 |

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| NT 16/35 10X3 BL | 50   | 0499280000 |

| Type                 | Width  | Qty. | Order No.  |
|----------------------|--------|------|------------|
| HP NT6/10 BL         | 1.5 mm | 20   | 0352880000 |
| SSCH 10X3X1000 CU/SN | 10 mm  | 1    | 0348900000 |
| ZB 4                 | 5.6 mm | 50   | 0316500000 |
| ZB 16 ZKSC           | 10 mm  | 50   | 0316600000 |
| ZB 35/M6X16          | 14 mm  | 20   | 0266500000 |

| Type                 | Width  | Qty. | Order No.  |
|----------------------|--------|------|------------|
| HP NT16/10X3         | 2 mm   | 20   | 1266380000 |
| SSCH 10X3X1000 CU/SN | 10 mm  | 1    | 0348900000 |
| ZB 4                 | 5.6 mm | 50   | 0316500000 |
| ZB 16 ZKSC           | 10 mm  | 50   | 0316600000 |
| ZB 35/M6X16          | 14 mm  | 20   | 0266500000 |

DEK 5/6

Refer to the „Accessories“ section for PEN bridges and additional clamping-yoke versions. Use of twin wire-end ferrules on request.

DEK 5/5

Refer to the „Accessories“ section for PEN bridges and additional clamping-yoke versions. Use of twin wire-end ferrules on request.

## Test-disconnect terminals

### TS 35 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

#### Technical data

| Rated data                                     |                 |
|------------------------------------------------|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class | Approvals       |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Tightening torque range                        |                 |
| Stripping length / Blade size                  | mm/-            |
| Note                                           |                 |

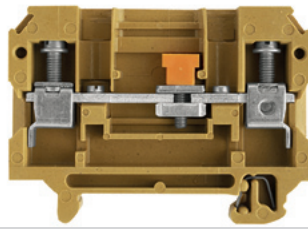
#### Ordering data

| Version |                                          |
|---------|------------------------------------------|
|         | Without socket                           |
|         | With open rear wall for cross-connection |
|         | With 2 sockets                           |
|         | With 4 sockets                           |
| Note    |                                          |

#### Accessories

| Screwable cross-connection                                                                         |                                 |
|----------------------------------------------------------------------------------------------------|---------------------------------|
|                                                                                                    | 2-pole                          |
|                                                                                                    | 3-pole                          |
|                                                                                                    | 4-pole                          |
|                                                                                                    | 10-pole                         |
|                                                                                                    | Connecting sleeve               |
|                                                                                                    | Mounting screw                  |
| End plate / Partition plate                                                                        |                                 |
|                                                                                                    | Medium yellow                   |
|                                                                                                    | beige                           |
| Small partition                                                                                    |                                 |
|                                                                                                    | Small partition                 |
| Cross-connection slider                                                                            |                                 |
|                                                                                                    | 2-pole                          |
|                                                                                                    | 3-pole                          |
|                                                                                                    | 4-pole                          |
|                                                                                                    | Connecting sleeve for QVS       |
|                                                                                                    | Mounting screw for QVS          |
| Testing / Checking                                                                                 |                                 |
|                                                                                                    | Test plug                       |
|                                                                                                    | Socket                          |
| Miscellaneous accessories                                                                          |                                 |
|                                                                                                    | Lockout device                  |
|                                                                                                    | Short-circuit plug, 2-pole      |
| Marking systems                                                                                    |                                 |
|                                                                                                    | (see assortment in catalogue 7) |
|                                                                                                    | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

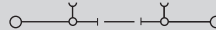
### SAKT 1/LT

6 mm<sup>2</sup>

8 x 65 x 52.5

57 / 10

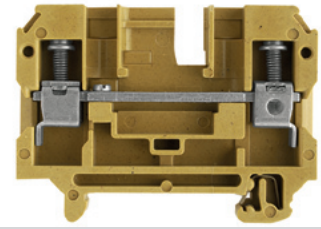
0.13...10



IEC 60947-7-1

| IEC                                                                                                | UL         | CSA        |
|----------------------------------------------------------------------------------------------------|------------|------------|
| 400                                                                                                | 300        | 300        |
| 41                                                                                                 | 25         | 25         |
| 6                                                                                                  | AWG 22...8 | AWG 26...8 |
| 6 / 3                                                                                              |            |            |
| A5 / 5VA                                                                                           |            |            |
| Rated connection                                                                                   |            |            |
| 0.5...10 / 1.5...10                                                                                |            |            |
| 0.5...6 / 0.5...6                                                                                  |            |            |
| 0.8...1.6 Nm (M 3.5)                                                                               |            |            |
| 0.5...0.8 Nm                                                                                       |            |            |
| 12 / 4.0 x 0.8 mm                                                                                  |            |            |
| 10 mm <sup>2</sup> stranded and AWG 8/7 connections are to be fixed with 1.6 Nm tightening torque. |            |            |

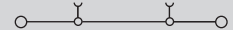
### SAKT 1/DU1

6 mm<sup>2</sup>

8 x 65 x 52.5

57 / 10

0.13...10



IEC 60947-7-1

| IEC                                                                                                | UL         | CSA        |
|----------------------------------------------------------------------------------------------------|------------|------------|
| 400                                                                                                | 300        | 300        |
| 41                                                                                                 | 25         | 25         |
| 6                                                                                                  | AWG 22...8 | AWG 26...8 |
| 6 / 3                                                                                              |            |            |
| A5 / 5VA                                                                                           |            |            |
| Rated connection                                                                                   |            |            |
| 0.5...10 / 1.5...10                                                                                |            |            |
| 0.5...6 / 0.5...6                                                                                  |            |            |
| 0.8...1.6 Nm (M 3.5)                                                                               |            |            |
| 12 / 4.0 x 0.8 mm                                                                                  |            |            |
| 10 mm <sup>2</sup> stranded and AWG 8/7 connections are to be fixed with 1.6 Nm tightening torque. |            |            |

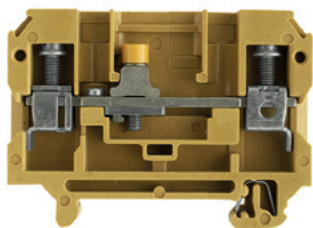
| Type             | Qty. | Order No.  |
|------------------|------|------------|
| SAKT 1/35/LT     | 50   | 0105420000 |
| SAKT 1/35/LT STB | 50   | 0105620000 |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| QL 2 SAK6N           | 32 A    | 50   | 0194300000 |
| QL 3 SAK6N           | 57 A    | 50   | 0194400000 |
| QL 4 SAK6N           | 57 A    | 50   | 0194500000 |
| QL 10 SAK6N          | 32 A    | 20   | 0338300000 |
| VH 12/4.9/3.3 SAK6N  |         | 100  | 0249000000 |
| KISC M3X20 SAK10 CU5 |         | 100  | 0377100000 |
| Width                |         |      |            |
| AP SAKB/C/T KRG      | 3 mm    | 20   | 0146720000 |
| TW SAKB/C/T1         | 1.5 mm  | 20   | 0242960000 |
| TSCH 2               |         |      |            |
|                      | 0.6 mm  | 100  | 0353660000 |
| current              |         |      |            |
| QVS 2 SAKT1+2        | 41 A    | 20   | 0307300000 |
| QVS 3 SAKT1+2        | 41 A    | 20   | 0329300000 |
| QVS 4 SAKT1+2        | 41 A    | 20   | 0307400000 |
| VH 19/6/4.2 SAKT1    |         | 50   | 0318000000 |
| BS 25 O.IH SAKT1     |         | 50   | 0334700000 |
| Width                |         |      |            |
| PS 4 F.STB 4         | 7.6 mm  | 20   | 0299600000 |
| STB 14/D6/4/M3 SAK10 |         | 50   | 0169900000 |
| SSP 3 SAKT1          |         |      |            |
|                      |         | 100  | 0531760000 |
| QS 2/8/4             |         |      |            |
|                      |         | 20   | 0270960000 |

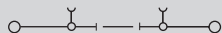
DEK 5/6,5

To safe the test sockets use the SDIZ-blade (see chapter Tools) or bits with pilots!

## SAKT 1/QT

6 mm<sup>2</sup>

8 x 65 x 52.5  
57 / 10  
0.13...10



IEC 60947-7-1

| IEC      | UL         | CSA        |
|----------|------------|------------|
| 400      | 300        | 300        |
| 41       | 25         | 25         |
| 6        | AWG 22...8 | AWG 26...8 |
| 6 / 3    |            |            |
| A5 / 5VA |            |            |



## Rated connection

0.5...10 / 1.5...10  
0.5...6 / 0.5...6  
0.8...1.6 Nm (M 3.5)  
0.5...0.8 Nm  
12 / 4.0 x 0.8 mm

10 mm<sup>2</sup> stranded and AWG 8/7 connections are to be fixed with 1.6 Nm tightening torque.

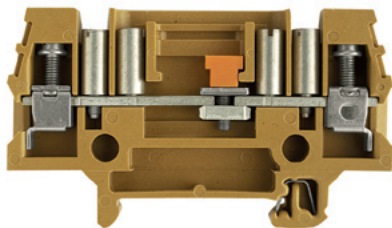
| Type          | Qty. | Order No.  |
|---------------|------|------------|
| SAKT 1/35/QT2 | 50   | 0124620000 |
| SAKT 1/35/QT1 | 50   | 0105720000 |
|               |      |            |
|               |      |            |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| QL 2 SAK6N           | 57 A    | 50   | 0194300000 |
| QL 3 SAK6N           | 57 A    | 50   | 0194400000 |
| QL 4 SAK6N           | 57 A    | 50   | 0194500000 |
| QL 10 SAK6N          | 57 A    | 20   | 0338300000 |
| VH 12/4.9/3.3 SAK6N  |         | 100  | 0249000000 |
| KISC M3X20 SAK10 CU5 |         | 100  | 0377100000 |
| Width                |         |      |            |
| AP SAKB/C/T KRG      | 3 mm    | 20   | 0146720000 |
| TW SAKB/C/T1         | 1.5 mm  | 20   | 0242960000 |
|                      |         |      |            |
| TSCH 2               | 0.6 mm  | 100  | 0353660000 |
| current              |         |      |            |
| QVS 2 SAKT1+2        |         | 20   | 0307300000 |
| QVS 3 SAKT1+2        |         | 20   | 0329300000 |
| QVS 4 SAKT1+2        |         | 20   | 0307400000 |
| VH 19/6/4.2 SAKT1    |         | 50   | 0318000000 |
| BS 25 O.IH SAKT1     |         | 50   | 0334700000 |
| Width                |         |      |            |
| PS 4 F.STB 4         | 7.6 mm  | 20   | 0299600000 |
| STB 14/D6/4/M3 SAK10 |         | 50   | 0169900000 |
|                      |         |      |            |
| SSP 3 SAKT1          |         | 100  | 0531760000 |
| QS 2/8/4             |         | 20   | 0270960000 |

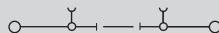
DEK 5/6,5

To safe the test sockets use the SDIZ-blade (see chapter Tools) or bits with pilots!

## SAKT 2/LT

6 mm<sup>2</sup>

8 x 82 x 52.5  
46 / 10  
0.5...10



IEC 60947-7-1

| IEC      | UL         | CSA |
|----------|------------|-----|
| 125      | 300        |     |
| 41       | 25         |     |
| 6        | AWG 22...8 |     |
| 6 / 3    |            |     |
| A5 / 5VA |            |     |



## Rated connection

0.5...10 / 1.5...10  
0.5...6 / 0.5...6  
1.2...1.6 Nm (M 3.5)  
0.5...0.8 Nm  
12 / 4.0 x 0.8 mm

10 mm<sup>2</sup> stranded and AWG 8/7 connections are to be fixed with 1.6 Nm tightening torque.

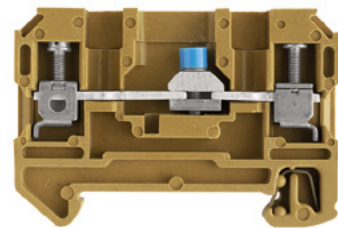
| Type              | Qty. | Order No.  |
|-------------------|------|------------|
|                   |      |            |
| SAKT 2/35/LT/STB  | 50   | 0105920000 |
| SAKT 2/35/LT 4STB | 50   | 0106020000 |
|                   |      |            |

| Type                 | current | Qty. | Order No.  |
|----------------------|---------|------|------------|
| QL 2 SAK6N           | 32 A    | 50   | 0194300000 |
| QL 3 SAK6N           | 57 A    | 50   | 0194400000 |
| QL 4 SAK6N           | 57 A    | 50   | 0194500000 |
| QL 10 SAK6N          | 32 A    | 20   | 0338300000 |
| VH 12/4.9/3.3 SAK6N  |         | 100  | 0249000000 |
| Width                |         |      |            |
| TW SAKT2             | 2.5 mm  | 20   | 0351820000 |
|                      |         |      |            |
| TSCH 2               | 0.6 mm  | 100  | 0353660000 |
| current              |         |      |            |
| QVS 2 SAKT1+2        | 41 A    | 20   | 0307300000 |
| QVS 3 SAKT1+2        | 41 A    | 20   | 0329300000 |
| QVS 4 SAKT1+2        | 41 A    | 20   | 0307400000 |
| VH 19/6/4.2 SAKT1    |         | 50   | 0318000000 |
| BS 25 O.IH SAKT1     |         | 50   | 0334700000 |
| Width                |         |      |            |
| PS 4 F.STB 4         | 7.6 mm  | 20   | 0299600000 |
| STB 14/D6/4/M3 SAK10 |         | 50   | 0169900000 |
|                      |         |      |            |
| SSP 3 SAKT1          |         | 100  | 0531760000 |
| QS 2/8/4             |         | 20   | 0270960000 |

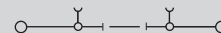
DEK 5/6,5

To safe the test sockets use the SDIZ-blade (see chapter Tools) or bits with pilots!

## SAKT 4/35/LT

4 mm<sup>2</sup>

6 x 57.2 x 40  
41 / 6  
0.13...6



IEC 60947-7-1

| IEC      | UL          | CSA         |
|----------|-------------|-------------|
| 400      | 300         | 300         |
| 32       | 20          | 20          |
| 4        | AWG 22...12 | AWG 26...10 |
| 6 / 3    |             |             |
| A3 / 5VA |             |             |



## Rated connection

0.5...6 / 1.5...4  
0.5...4 / 0.5...4  
0.4...0.7 Nm (M 2.5)  
0.4...0.7 Nm  
10 / 0.6 x 3.5 mm

Two conductors with the same cross-section can be accommodated. 1.5 mm<sup>2</sup> solid and 0.5...1.5 mm<sup>2</sup> flexible

| Type                | Qty. | Order No.  |
|---------------------|------|------------|
| SAKT 4/35/LT O.STB  | 50   | 1272420000 |
|                     |      |            |
| SAKT 4/35/LT STB2.0 | 50   | 1272520000 |
|                     |      |            |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| QL 2 SAK2.5             | 41 A    | 100  | 0155900000 |
| QL 3 SAK2.5             | 41 A    | 100  | 0156000000 |
| QL 4 SAK2.5             | 41 A    | 50   | 0156100000 |
| QL 10 SAK2.5            | 41 A    | 20   | 0338100000 |
| VH 8/4.9/3.3 SAK2.5     |         | 100  | 0266700000 |
| KISC M3X15/6 SAK2.5 CU5 |         | 100  | 0377200000 |
| Width                   |         |      |            |
| TW AST1/PA HP/DBR/0.5   | 0.5 mm  | 20   | 0474700000 |
|                         |         |      |            |
| TSCH 2                  | 0.6 mm  | 100  | 0353660000 |
| current                 |         |      |            |
| QVS 2/4 SAKT4           |         | 20   | 1319260000 |
|                         |         |      |            |
| VH 16/5/3.5 SAK10-35    |         | 50   | 0309700000 |
| BFSC M3X22 SAKT4        |         | 50   | 1319900000 |
| Width                   |         |      |            |
| PS 2.0 OR               | 5.4 mm  | 20   | 0293800000 |
| STB 8.5/D4.5/2/M3 SAKT4 |         | 50   | 0244600000 |
|                         |         |      |            |
| SSP 4 SAKT4             |         | 20   | 1319360000 |

DEK 5/6,5

To safe the test sockets use the SD-blade or bits with pilots!

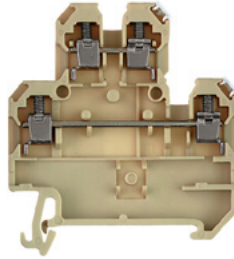
## Terminals for temperature measuring circuits

### TS 35 / PA

Busbars made from thermocouple materials according to DIN IEC 584

### DK 4 Q/TC

4 mm<sup>2</sup>



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

6 x 54 x 59.5  
/ 4  
...4

### Technical data

| Rated data                                     |                 |
|------------------------------------------------|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note                                           |                 |

IEC 60947-7-1 / IEC 60584

| IEC                 | UL      | CSA |
|---------------------|---------|-----|
|                     |         |     |
| 4                   |         |     |
|                     | A3 / V2 |     |
| Rated connection    |         |     |
| 0.5...4 / 1.5...4   |         |     |
| 0.5...4 / 0.5...2.5 |         |     |
| 0.5...1.0 Nm (M 3)  |         |     |
| 9 / 0.6 x 3.5 mm    |         |     |
| Note                |         |     |

### Ordering data

| Version            |  |
|--------------------|--|
| (NiCr - Ni) type K |  |
| (Cu - CuNi) type T |  |
| (Fe-CuNi) type J   |  |
| Note               |  |

| Type              | Qty. | Order No.  |
|-------------------|------|------------|
| DK 4Q/35/TC TYP K | 100  | 1284160000 |
| DK 4Q/35/TC TYP T | 100  | 1285660000 |
| DK 4Q/35/TC TYP J | 100  | 1284060000 |
| Note              |      |            |

### Accessories

| End plate / Partition plate                                                         |                  |
|-------------------------------------------------------------------------------------|------------------|
|  | beige            |
|                                                                                     | beige            |
|                                                                                     | Dark beige Wemid |

| Type              | Width  | Qty. | Order No.  |
|-------------------|--------|------|------------|
| AP DK4Q           | 1.5 mm | 20   | 1397160000 |
| TW SAKS2 HP/DBR/2 | 2 mm   | 20   | 0607000000 |
| WTW EN            | 3 mm   | 20   | 1058800000 |
| Note              |        |      |            |

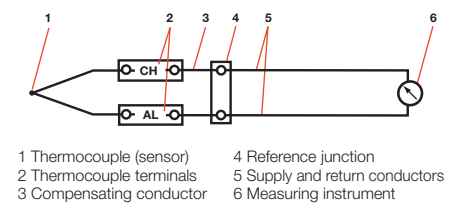
| Marking systems                                                                                    | (see assortment in catalogue 7) |
|----------------------------------------------------------------------------------------------------|---------------------------------|
|                                                                                                    | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

| Marking systems |         |
|-----------------|---------|
|                 | DEK 5/6 |
| Note            |         |

Weidmüller thermocouple terminals are specially designed for the transmission of very small voltages in temperature measuring circuits. Special current bars ensure that no false signals are transmitted within the terminal when temperature differences between the positive and negative paths exist. This high measuring precision is required, for example, in aircraft engine test rigs, complicated chemical processes, controllers, etc.

- Material of current bar corresponds to thermal and compensating conductors
- Clear thermocouple marking
- 2-pole blocks per thermocouple
- Modular width 10 mm

### Configuration of a temperature measuring circuit



The thermocouple terminals shown in this measuring circuit are used for the thermoelectrical transmission of the thermoelectric voltage from the thermocouple to the reference junction and the indicator unit via the compensating conductor. Thermocouple terminals are required for constructing a temperature measuring circuit.

### Technical data

Thermocouples to IEC 584 (DIN 43 710)

| Terminal                      | Busbar material trade name                                                                       |
|-------------------------------|--------------------------------------------------------------------------------------------------|
| a) Type J                     |                                                                                                  |
| <b>Fe</b><br>(positive leg)   |  Iron       |
| <b>CuNi</b><br>(negative leg) |  Constantan |
| b) Type T                     |                                                                                                  |
| <b>Cu</b><br>(positive leg)   |  Copper     |
| <b>CuNi</b><br>(negative leg) |  Constantan |
| c) Type K                     |                                                                                                  |
| <b>NiCr</b><br>(positive leg) |  Chromel    |
| <b>Ni</b><br>(negative leg)   |  Alumel     |



## Terminals with screw-less connections

With tab connection  
TS 35 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                     |                 |
|------------------------------------------------|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note                                           |                 |

## Ordering data

| Version |          |
|---------|----------|
|         | Slotted  |
|         | Not slit |
| Note    |          |

## Accessories

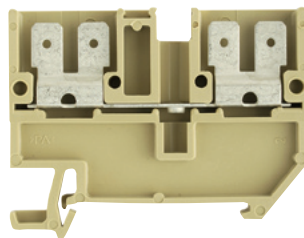
| Screwable cross-connection  |                 |
|-----------------------------|-----------------|
|                             | 2-pole          |
|                             | 3-pole          |
|                             | 4-pole          |
|                             | 10-pole         |
| Plug-in adapter             |                 |
|                             | 2-pole          |
|                             | 3-pole          |
|                             | 4-pole          |
|                             | 5-pole          |
|                             | 8-pole          |
| End plate / Partition plate |                 |
|                             | beige           |
|                             | Medium yellow   |
|                             | beige           |
| Small partition             |                 |
|                             | Small partition |
| Testing / Checking          |                 |
|                             | Test plug       |
|                             | Socket          |
| Insulating sleeve           |                 |
|                             | 2,8             |
|                             | 6,3             |

Marking systems (see assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

## AST 1 / 35

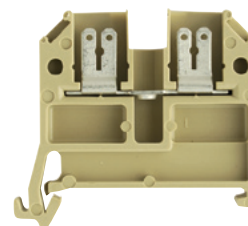
2.5 mm<sup>2</sup>

|               |                    |                    |
|---------------|--------------------|--------------------|
| 6.5 x 58 x 46 | 6.3 6.3<br>2.8 2.8 | 6.3 6.3<br>2.8 2.8 |
| 20 / 2.5      |                    |                    |
| 0.5...2.5     |                    |                    |

IEC 60947-7-1 / IEC 61210

| IEC                                                                                                | UL    | CSA |
|----------------------------------------------------------------------------------------------------|-------|-----|
| 500                                                                                                | 600   | 300 |
| 20                                                                                                 | 13    | 16  |
| 2.5                                                                                                |       |     |
|                                                                                                    | 6 / 3 |     |
|                                                                                                    | / V2  |     |
|                                                                                                    |       |     |
| Rated connection                                                                                   |       |     |
| 0.5...2.5                                                                                          |       |     |
| The rated voltage is 800 V when using a cable-lug (flat) connector with IH 6.3 insulating sleeves. |       |     |

## AST 3/35

2.5 mm<sup>2</sup>

|                 |                    |                    |
|-----------------|--------------------|--------------------|
| 6.5 x 40 x 40.1 | 6.3 6.3<br>2.8 2.8 | 6.3 6.3<br>2.8 2.8 |
| 20 / 2.5        |                    |                    |
| ...2.5          |                    |                    |

IEC 60947-7-1 / IEC 61210

| IEC                                                                                          | UL    | CSA |
|----------------------------------------------------------------------------------------------|-------|-----|
| 500                                                                                          | 300   | 300 |
| 20                                                                                           | 13    | 16  |
| 2.5                                                                                          |       |     |
|                                                                                              | 6 / 3 |     |
|                                                                                              | / V2  |     |
|                                                                                              |       |     |
| Rated connection                                                                             |       |     |
| 0.5...2.5                                                                                    |       |     |
| Cable-lug connections should be fitted with insulating sleeves. 20 A with F 6.3 or 2 x F 2.8 |       |     |

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| AST 3/35 6.3/2.8 | 100  | 0460360000 |
| AST 3/35 6.3     | 100  | 0479360000 |

| Type                                                                                            | Qty. | Order No.  |
|-------------------------------------------------------------------------------------------------|------|------------|
| AST 1/35 6.3/2.8                                                                                | 50   | 0699660000 |
| AST 1/35 6.3                                                                                    | 50   | 0664860000 |
| Cable-lug connections should be connected with insulating sleeves. 20 A with F 6.3 or 2 x F 2.8 |      |            |

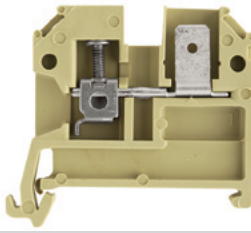
| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 SAK4                | 41 A    | 50   | 0336700000 |
| Q 3 SAK4                | 41 A    | 50   | 0336800000 |
| Q 4 SAK4                | 41 A    | 50   | 0336900000 |
| Q 10 SAK4               | 41 A    | 20   | 0368800000 |
| Width                   |         |      |            |
| AP AST1+5 DB            | 1.5 mm  | 20   | 0266400000 |
| TW SAKS2 HP/DBR/2       | 2 mm    | 20   | 0607000000 |
| TSCH 1                  | 2 mm    | 100  | 0319160000 |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 14/D5/2.3/M3 SAK2.5 |         | 50   | 0168600000 |
| IH 2.8 DB               |         | 100  | 0386060000 |
| IH 6.3 WEM GE           |         | 100  | 0386260000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 SAK4                | 41 A    | 50   | 0336700000 |
| Q 3 SAK4                | 41 A    | 50   | 0336800000 |
| Q 4 SAK4                | 41 A    | 50   | 0336900000 |
| Q 10 SAK4               | 41 A    | 20   | 0368800000 |
| Width                   |         |      |            |
| STA 2.5/2               |         | 100  | 0165860000 |
| STA 2.5/3               |         | 50   | 0165960000 |
| STA 2.5/4               |         | 50   | 0190360000 |
| STA 2.5/5               |         | 50   | 0166060000 |
| STA 2.5/8               |         | 50   | 0166160000 |
| AP AST3+4 KRG           | 3 mm    | 20   | 0298120000 |
| TW 4 SAK4-10            | 1.5 mm  | 20   | 0130160000 |
| TSCH 1                  | 2 mm    | 100  | 0319160000 |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 14/D5/2.3/M3 SAK2.5 |         | 50   | 0168600000 |
| IH 2.8 DB               |         | 100  | 0386060000 |
| IH 6.3 WEM GE           |         | 100  | 0386260000 |

DEK 5/6

Pluggable adapter STA 2,5/2 - STA 2,5/8 only for PA - Version.

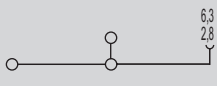
## AST 4/35

2.5 mm<sup>2</sup>

6.2 x 40 x 40.1

20 / 4

0.2...4



IEC 60947-7-1 / IEC 61210

| IEC     | UL          | CSA         |
|---------|-------------|-------------|
| 500     | 300         | 300         |
| 20      | 13          | 16          |
| 2.5     | AWG 22...12 | AWG 24...12 |
| 6 / 3   |             |             |
| A3 / V2 |             |             |



## Rated connection

0.5...4 / 1.5...2.5

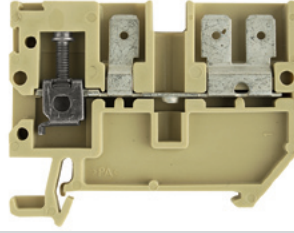
0.5...2.5 / 0.5...2.5

0.4...0.7 Nm (M 2.5)

9 / 0.6 x 3.5 mm

The rated voltage is 800 V when using a cable-lug (flat) connector with IH 6.3 insulating sleeves.

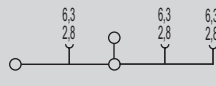
## AST 5/35

4 mm<sup>2</sup>

6.5 x 58 x 46

20 / 6

0.2...6



IEC 60947-7-1 / IEC 61210

| IEC     | UL          | CSA         |
|---------|-------------|-------------|
| 500     | 300         | 300         |
| 20      | 13          | 16          |
| 4       | AWG 22...12 | AWG 24...12 |
| 6 / 3   |             |             |
| A4 / V2 |             |             |



## Rated connection

0.5...6 / 1.5...2.5

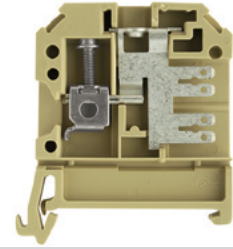
0.5...4 / 0.5...4

0.5...1.0 Nm (M 3)

12 / 0.6 x 3.5 mm

The rated voltage is 800 V when using a cable-lug (flat) connector with IH 6.3 insulating sleeves.

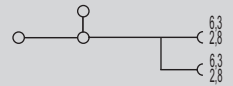
## SAK 4 S/35

4 mm<sup>2</sup>

6.5 x 40 x 49.5

20 / 6

0.13...6



IEC 60947-7-1 / IEC 61210

| IEC     | UL          | CSA         |
|---------|-------------|-------------|
| 500     | 600         | 300         |
| 20      | 13          | 13          |
| 4       | AWG 26...12 | AWG 26...12 |
| 6 / 3   |             |             |
| A4 / V2 |             |             |



## Rated connection

0.5...6 / 1.5...4

0.5...4 / 0.5...4

0.5...1.0 Nm (M 3)

12 / 0.6 x 3.5 mm

The rated voltage is 800 V when using a cable-lug (flat) connector with IH 6.3 insulating sleeves.

| Type                                                                                            | Qty. | Order No.  |
|-------------------------------------------------------------------------------------------------|------|------------|
| AST 4/35 SF 6.3/2.8                                                                             | 100  | 0460460000 |
| AST 4/35 SF 6.3                                                                                 | 100  | 0479460000 |
| Cable-lug connections should be connected with insulating sleeves. 20 A with F 6.3 or 2 x F 2.8 |      |            |

| Type                                                                                            | Qty. | Order No.  |
|-------------------------------------------------------------------------------------------------|------|------------|
| AST 5/35 SF 6.3/2.8                                                                             | 50   | 0664960000 |
| Cable-lug connections should be connected with insulating sleeves. 20 A with F 6.3 or 2 x F 2.8 |      |            |

| Type                                                                                            | Qty. | Order No.  |
|-------------------------------------------------------------------------------------------------|------|------------|
| SAK 4 S/35 6.3/2.8                                                                              | 100  | 0630360000 |
| Cable-lug connections should be connected with insulating sleeves. 20 A with F 6.3 or 2 x F 2.8 |      |            |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 SAK4                | 41 A    | 50   | 0336700000 |
| Q 3 SAK4                | 41 A    | 50   | 0336800000 |
| Q 4 SAK4                | 41 A    | 50   | 0336900000 |
| Q 10 SAK4               | 41 A    | 20   | 0368800000 |
| Width                   |         |      |            |
| STA 2.5/2               |         | 100  | 0165860000 |
| STA 2.5/3               |         | 50   | 0165960000 |
| STA 2.5/4               |         | 50   | 0190360000 |
| STA 2.5/5               |         | 50   | 0166060000 |
| STA 2.5/8               |         | 50   | 0166160000 |
| AP SAK2.5/35 + AST3+4   |         |      |            |
|                         | 1.5 mm  | 20   | 0460560000 |
| TW 4 SAK4-10            |         |      |            |
|                         | 1.5 mm  | 20   | 0130160000 |
| TSCH 1                  |         |      |            |
|                         | 2 mm    | 100  | 0319160000 |
| PS 2.3 RT               |         |      |            |
|                         | 5.4 mm  | 20   | 0180400000 |
| STB 14/D5/2.3/M3 SAK2.5 |         |      |            |
|                         |         | 50   | 0168600000 |
| IH 2.8 DB               |         |      |            |
|                         |         | 100  | 0386060000 |
| IH 6.3 WEM GE           |         |      |            |
|                         |         | 100  | 0386260000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 SAK4                | 41 A    | 50   | 0336700000 |
| Q 3 SAK4                | 41 A    | 50   | 0336800000 |
| Q 4 SAK4                | 41 A    | 50   | 0336900000 |
| Q 10 SAK4               | 41 A    | 20   | 0368800000 |
| Width                   |         |      |            |
| AP AST1+5 DB            | 1.5 mm  | 20   | 0266400000 |
| TW AST1/PA HP/DBR/0.5   |         |      |            |
|                         | 0.5 mm  | 20   | 0474700000 |
| PS 2.3 RT               |         |      |            |
|                         | 5.4 mm  | 20   | 0180400000 |
| STB 14/D5/2.3/M3 SAK2.5 |         |      |            |
|                         |         | 50   | 0168600000 |
| IH 2.8 DB               |         |      |            |
|                         |         | 100  | 0386060000 |
| IH 6.3 WEM GE           |         |      |            |
|                         |         | 100  | 0386260000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| QL 2 SAK4               | 32 A    | 100  | 0130600000 |
| QL 3 SAK4               | 32 A    | 100  | 0130700000 |
| QL 4 SAK4               | 32 A    | 50   | 0130800000 |
| QL 10 SAK4              | 32 A    | 20   | 0338200000 |
| Width                   |         |      |            |
| AP SAK4-10              | 1.5 mm  | 20   | 0117960000 |
| TW 4 SAK4-10            |         |      |            |
|                         | 1.5 mm  | 20   | 0130160000 |
| PS 2.3 RT               |         |      |            |
|                         | 5.4 mm  | 20   | 0180400000 |
| STB 14/D5/2.3/M3 SAK2.5 |         |      |            |
|                         |         | 50   | 0168600000 |
| IH 2.8 DB               |         |      |            |
|                         |         | 100  | 0386060000 |
| IH 6.3 WEM GE           |         |      |            |
|                         |         | 100  | 0386260000 |

DEK 5/6

Pluggable adapter STA 2.5/2 - STA 2.5/8 only for PA - Version.

DEK 5/6,5

DEK 5/6,5

## Terminals with screw-less connections

With tab connection  
TS 35 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                     |                 |
|------------------------------------------------|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class | Approvals       |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note                                           |                 |

## Ordering data

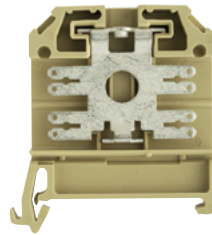
| Version |          |
|---------|----------|
|         | Slotted  |
|         | Not slit |
| Note    |          |

## Accessories

| Screwable cross-connection  |                 |
|-----------------------------|-----------------|
|                             | 2-pole          |
|                             | 3-pole          |
|                             | 4-pole          |
|                             | 10-pole         |
| Plug-in adapter             |                 |
|                             | 2-pole          |
|                             | 3-pole          |
|                             | 4-pole          |
|                             | 5-pole          |
|                             | 8-pole          |
| End plate / Partition plate |                 |
|                             | beige           |
|                             | Medium yellow   |
|                             | beige           |
| Small partition             |                 |
|                             | Small partition |
| Testing / Checking          |                 |
|                             | Test plug       |
|                             | Socket          |
| Insulating sleeve           |                 |
|                             | 2,8             |
|                             | 6,3             |

| Marking systems                                                                                    |                                 |
|----------------------------------------------------------------------------------------------------|---------------------------------|
|                                                                                                    | (see assortment in catalogue 7) |
|                                                                                                    | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

## SAK 4 SS/35

2.5 mm<sup>2</sup>

|                 |  |
|-----------------|--|
| 6.5 x 40 x 49.5 |  |
| 20 / 2.5        |  |
| 0.5...2.5       |  |

IEC 60947-7-1 / IEC 61210

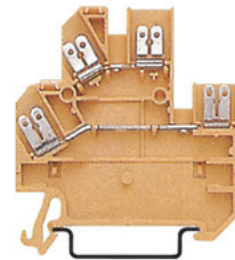
| IEC                                                                                                | UL          | CSA         |
|----------------------------------------------------------------------------------------------------|-------------|-------------|
| 500                                                                                                | 600         | 300         |
| 20                                                                                                 | 13          | 13          |
| 2.5                                                                                                | AWG 26...12 | AWG 26...12 |
|                                                                                                    | 6 / 3       |             |
|                                                                                                    | / V2        |             |
| Rated connection                                                                                   |             |             |
| 0.5...2.5                                                                                          |             |             |
| The rated voltage is 800 V when using a cable-lug (flat) connector with IH 6.3 insulating sleeves. |             |             |

| Type                                                                                            | Qty. | Order No.  |
|-------------------------------------------------------------------------------------------------|------|------------|
| SAK 4 SS/35 6.3/2.8                                                                             | 100  | 0630460000 |
| Cable-lug connections should be connected with insulating sleeves. 20 A with F 6.3 or 2 x F 2.8 |      |            |

| Type          | current | Qty. | Order No.  |
|---------------|---------|------|------------|
| QL 2 SAK4     | 32 A    | 100  | 0130600000 |
| QL 3 SAK4     | 32 A    | 100  | 0130700000 |
| QL 4 SAK4     | 32 A    | 50   | 0130800000 |
| QL 10 SAK4    | 32 A    | 20   | 0338200000 |
| Width         |         |      |            |
| AP SAK4-10    | 1.5 mm  | 20   | 0117960000 |
| TW 4 SAK4-10  | 1.5 mm  | 20   | 0130160000 |
| Width         |         |      |            |
| IH 2.8 DB     |         | 100  | 0386060000 |
| IH 6.3 WEM GE |         | 100  | 0386260000 |

| Marking systems |           |
|-----------------|-----------|
|                 | DEK 5/6,5 |

## DK 4 SS/35

2.5 mm<sup>2</sup>

|               |  |
|---------------|--|
| 6 x 54 x 60.5 |  |
| 20 / 2.5      |  |
| 0.5...2.5     |  |

IEC 60947-7-1 / IEC 61210

| IEC                                                                                           | UL          | CSA         |
|-----------------------------------------------------------------------------------------------|-------------|-------------|
| 400                                                                                           | 300         | 300         |
| 20                                                                                            | 10          | 10          |
| 2.5                                                                                           | AWG 22...12 | AWG 22...12 |
|                                                                                               | 4 / 3       |             |
|                                                                                               | / V2        |             |
| Rated connection                                                                              |             |             |
| 0.5...2.5                                                                                     |             |             |
| Cable-lug connections should be fitted with insulating sleeves. 20 A with F 6.3 and 2 x F 2.8 |             |             |

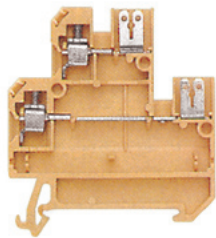
| Type                   | Qty. | Order No.  |
|------------------------|------|------------|
| DK 4SS/35 FF 4X6.3/2.8 | 100  | 0217160000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 AKZ4                | 32 A    | 50   | 0336400000 |
| Q 3 AKZ4                | 32 A    | 50   | 0336500000 |
| Q 4 AKZ4                | 32 A    | 50   | 0336600000 |
| Q 10 AKZ4               | 32 A    | 20   | 0368600000 |
| Width                   |         |      |            |
| AP DK4S                 |         | 20   | 0631360000 |
| Width                   |         |      |            |
| TSCH 6 DK1 S4           | 5 mm    | 100  | 0190260000 |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | 0215700000 |
| IH 2.8 DB               |         | 100  | 0386060000 |
| IH 6.3 WEM GE           |         | 100  | 0386260000 |

| Marking systems |         |
|-----------------|---------|
|                 | DEK 5/6 |

DK 4 S

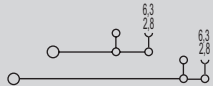
4 mm<sup>2</sup>



6 x 54 x 59.5

20 / 4

0.33...4



IEC 60947-7-1 / IEC 61210

| IEC     | UL          | CSA         |
|---------|-------------|-------------|
| 400     | 300         | 300         |
| 10      | 10          | 10          |
| 4       | AWG 22...12 | AWG 22...12 |
| 6 / 3   |             |             |
| A3 / V2 |             |             |

UL, CE, RoHS, REACH

Rated connection

0.5...4 / 1.5...4

0.5...4 / 0.5...2.5

0.5...0.8 Nm (M 3)

8 / 0.6 x 3.5 mm

Cable-lug connections should be fitted with insulating sleeves. 20 A supplied via F 6.3 or 2 x F 2.8.

| Type                | Qty. | Order No.  |
|---------------------|------|------------|
| DK 4S/35 SF 6.3/2.8 | 100  | 0686660000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 AKZ4                | 32 A    | 50   | 0336400000 |
| Q 3 AKZ4                | 32 A    | 50   | 0336500000 |
| Q 4 AKZ4                | 32 A    | 50   | 0336600000 |
| Q 10 AKZ4               | 32 A    | 20   | 0368600000 |
| Width                   |         |      |            |
| AP DK4S                 |         | 20   | 0631360000 |
| TSCH 6 DK1 S4           |         |      |            |
|                         | 5 mm    | 100  | 0190260000 |
| PS 2.3 RT               |         |      |            |
|                         | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ |         |      |            |
|                         |         | 50   | 0215700000 |
| IH 2.8 DB               |         |      |            |
|                         |         | 100  | 0386060000 |
| IH 6.3 WEM GE           |         |      |            |
|                         |         | 100  | 0386260000 |

DEK 5/6

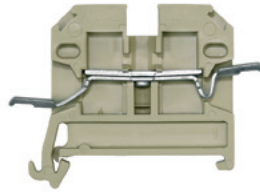
## Terminals with screw-less connections

with solder connection  
TS 35 / PA

## SAK 2.5 LL

1.5 mm<sup>2</sup>

solder connection both sides



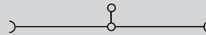
In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

6 x 55 x 46.5

17.5 / 1.5

0.13...1.5



## Technical data

| Rated data                                     |                 |
|------------------------------------------------|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |

## Note

IEC 60947-7-1 / IEC 60068-2-20

| IEC  | UL    | CSA         |
|------|-------|-------------|
| 250  |       | 300         |
| 17.5 |       | 10          |
| 1.5  |       | AWG 26...12 |
|      | 4 / 3 |             |
|      | / V2  |             |



## Rated connection

|           |
|-----------|
| 0.5...1.5 |
| 0.5...1.5 |

Solder connection both sides with max. 1.5 mm<sup>2</sup> conductor

## Ordering data

| Version |
|---------|
| beige   |
| Note    |

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| SAK 2.5/35 LL | 100  | 0567260000 |

## Accessories

| Screwable cross-connection                                                          |                          |
|-------------------------------------------------------------------------------------|--------------------------|
|  | 10-pole                  |
|                                                                                     | 2-pole                   |
|                                                                                     | 3-pole                   |
|                                                                                     | 4-pole                   |
| Testing / Checking                                                                  |                          |
|                                                                                     | Socket                   |
|                                                                                     | Test plug                |
| End plate / Partition plate                                                         |                          |
|                                                                                     | beige                    |
|                                                                                     | Blue                     |
|                                                                                     | beige                    |
|                                                                                     | Tropical applications    |
| Small partition                                                                     |                          |
|                                                                                     | Small partition          |
| Cover / warning label                                                               |                          |
|                                                                                     | Cover / warning label    |
|                                                                                     | Mounting screw (plastic) |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 10 SAK2.5             | 41 A    | 20   | 0368700000 |
| Q 2 SAK2.5              | 41 A    | 50   | 0337000000 |
| Q 3 SAK2.5              | 41 A    | 50   | 0337100000 |
| Q 4 SAK2.5              | 41 A    | 50   | 0337200000 |
| Width                   |         |      |            |
| STB 8.5/5/2.3/M3 SAK2.5 |         | 50   | 0280600000 |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| Width                   |         |      |            |
| AP SAK2.5               | 1.5 mm  | 20   | 0279560000 |
| AP SAK2.5 BL            | 1.5 mm  | 20   | 0279580000 |
| TW SAK2.5               | 2.5 mm  | 20   | 0302860000 |
| TW SAK2.5 HP/TF/GE/1    | 1 mm    | 20   | 0297100000 |
| Width                   |         |      |            |
| TSCH 1                  | 2 mm    | 100  | 0319160000 |
| Width                   |         |      |            |
| AD 4 AKZ4               |         | 50   | 0303400000 |
| BFSC M3X22 PA/RT        |         | 100  | 0128900000 |

Marking systems (see assortment in catalogue 7)

Marking tags

For detailed information on other accessories and applications, refer to the „Accessories“ section

DEK 5/6



Special terminals - SAKG

TS 35 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |       |
|-----------------------------------------|-------|
| Width/Length/height with TS35x7.5       | mm    |
| max. current / max. cond. cross-section | A/mm² |
| Max. clamping range                     | mm²   |

Technical data

| Rated data                                     |      |
|------------------------------------------------|------|
| Rated voltage                                  | V    |
| Rated current                                  | A    |
| Rated cross-section                            | mm²  |
| Rated impulse voltage / Pollution severity     | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class |      |
| Approvals                                      |      |
| Clamped conductors (H05V/H07V)                 |      |
| solid / stranded                               | mm²  |
| flexible / Stranded wire with end ferrules     | mm²  |
| Tightening torque range (clamping screw)       |      |
| Stripping length / Blade size                  | mm/- |
| Note                                           |      |

Ordering data

| Version       |
|---------------|
| Medium yellow |
| Note          |

Accessories

| Screwable cross-connection                                                          |                       |
|-------------------------------------------------------------------------------------|-----------------------|
|  | 2-pole                |
|                                                                                     | 3-pole                |
|                                                                                     | 4-pole                |
| End plate / Partition plate                                                         |                       |
|                                                                                     | dark brown            |
|                                                                                     | Tropical applications |
|                                                                                     | dark brown            |
|                                                                                     | Tropical applications |
| Cover / warning label                                                               |                       |
|                                                                                     | Cover / warning label |

SAKG 32 I

50 mm²



|                |
|----------------|
| 32 x 87 x 84.5 |
| 192 / 70       |
| 10...70        |

| IEC 60947-7-1                                                                     |             |             |
|-----------------------------------------------------------------------------------|-------------|-------------|
| IEC                                                                               | UL          | CSA         |
| 1000                                                                              | 600         | 600         |
| 150                                                                               | 165         | 170         |
| 50                                                                                | AWG 6...3/0 | AWG 1...2/0 |
| 8 / 3                                                                             |             |             |
| B11 / 5VA                                                                         |             |             |
|  |             |             |
| Rated connection                                                                  |             |             |
| 10...16 / 10...70                                                                 |             |             |
| 10...70 / 10...70                                                                 |             |             |
| 6.0...12 Nm (M 8)                                                                 |             |             |
| 26 /                                                                              |             |             |

| Type         | Qty. | Order No.  |
|--------------|------|------------|
| SAKG 32/35 I | 10   | 0637120000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| QL 2 SAKG32+70          | 150 A   | 5    | 0194000000 |
| QL 3 SAKG32+70          | 150 A   | 5    | 0441500000 |
| QL 4 SAKG32+70          | 150 A   | 5    | 0441600000 |
| Width                   |         |      |            |
| EP 2 SAKG46/35 HP/DBR   | 2 mm    | 10   | 0180700000 |
| EP 2 SAKG46/35 HP/TF/GE | 2 mm    | 10   | 0180800000 |
| TW SAKG46 HP/DBR/2      | 2 mm    | 10   | 0177100000 |
| TW SAKG46 HP/TF/GE/2    | 2 mm    | 10   | 0179900000 |
| AH 32 SAKG32            | 30 mm   | 5    | 0326760000 |

|                                                                                                    |                                 |
|----------------------------------------------------------------------------------------------------|---------------------------------|
| Marking systems                                                                                    | (see assortment in catalogue 7) |
|                                                                                                    | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

|         |
|---------|
| DEK 5/5 |
|---------|

TS 35 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

Technical data

| Rated data                                     |                 |
|------------------------------------------------|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note                                           |                 |

Ordering data

| Version       |
|---------------|
| Medium yellow |
| Note          |

Accessories

| Screwable cross-connection                                                          |                       |
|-------------------------------------------------------------------------------------|-----------------------|
|  | 2-pole                |
|                                                                                     | 3-pole                |
|                                                                                     | 4-pole                |
| End plate / Partition plate                                                         |                       |
|                                                                                     | dark brown            |
|                                                                                     | Tropical applications |
|                                                                                     | dark brown            |
|                                                                                     | Tropical applications |
| Cover / warning label                                                               |                       |
|                                                                                     | Cover / warning label |

|                                                                                                    |                                 |
|----------------------------------------------------------------------------------------------------|---------------------------------|
| Marking systems                                                                                    | (see assortment in catalogue 7) |
|                                                                                                    | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

SAKG 32 II

50 mm<sup>2</sup>



|              |
|--------------|
| 32 x 80 x 53 |
| 192 / 70     |
| 10...70      |

| IEC 60947-7-1                                                                                |             |             |
|----------------------------------------------------------------------------------------------|-------------|-------------|
| IEC                                                                                          | UL          | CSA         |
| 1000                                                                                         | 600         | 600         |
| 150                                                                                          | 200         | 170         |
| 50                                                                                           | AWG 6...3/0 | AWG 1...2/0 |
| 8 / 3                                                                                        |             |             |
| / 5VA                                                                                        |             |             |
|             |             |             |
| Rated connection                                                                             |             |             |
| 6.0...12 Nm (M 8)                                                                            |             |             |
| Conductor connection with cable lugs according to DIN 46234 and DIN 46235, from 10 .. 70 mm² |             |             |

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| SAKG 32/35 II | 10   | 0637320000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| QL 2 SAKG32+70          | 150 A   | 5    | 0194000000 |
| QL 3 SAKG32+70          | 150 A   | 5    | 0441500000 |
| QL 4 SAKG32+70          | 150 A   | 5    | 0441600000 |
| Width                   |         |      |            |
| EP 2 SAKG46/35 HP/DBR   | 2 mm    | 10   | 0180700000 |
| EP 2 SAKG46/35 HP/TF/GE | 2 mm    | 10   | 0180800000 |
| TW SAKG46 HP/DBR/2      | 2 mm    | 10   | 0177100000 |
| TW SAKG46 HP/TF/GE/2    | 2 mm    | 10   | 0179900000 |
| AH 32 SAKG32            | 30 mm   | 5    | 0326760000 |

|         |
|---------|
| DEK 5/5 |
|---------|

SAKG 32 II G

50 mm<sup>2</sup>



|              |
|--------------|
| 32 x 80 x 53 |
| 192 / 70     |
| 10...70      |

| IEC 60947-7-1                                                                                |             |             |
|----------------------------------------------------------------------------------------------|-------------|-------------|
| IEC                                                                                          | UL          | CSA         |
| 1000                                                                                         | 600         | 600         |
| 150                                                                                          | 200         | 170         |
| 50                                                                                           | AWG 6...3/0 | AWG 1...2/0 |
| 8 / 3                                                                                        |             |             |
| / 5VA                                                                                        |             |             |
|           |             |             |
| Rated connection                                                                             |             |             |
| 6.0...12 Nm (M 8)                                                                            |             |             |
| Conductor connection with cable lugs according to DIN 46234 and DIN 46235, from 10 .. 70 mm² |             |             |

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| SAKG 32/35 II/GW | 10   | 0637420000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| QL 2 SAKG32+70          | 150 A   | 5    | 0194000000 |
| QL 3 SAKG32+70          | 150 A   | 5    | 0441500000 |
| QL 4 SAKG32+70          | 150 A   | 5    | 0441600000 |
| Width                   |         |      |            |
| EP 1 SAKG32/35 HP/DBR   | 2 mm    | 10   | 0180500000 |
| EP 1 SAKG32/35 HP/TF/GE | 2 mm    | 10   | 0180600000 |
| TW SAKG28 HP/DBR/2      | 2 mm    | 10   | 0151400000 |
| TW SAKG28 HP/TF/GE/2    | 2 mm    | 10   | 0164600000 |
| AH 32 SAKG32            | 30 mm   | 5    | 0326760000 |

|         |
|---------|
| DEK 5/5 |
|---------|

Special terminals - SAKG

TS 35 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |       |
|-----------------------------------------|-------|
| Width/Length/height with TS35x7.5       | mm    |
| max. current / max. cond. cross-section | A/mm² |
| Max. clamping range                     | mm²   |

Technical data

| Rated data                                     |      |
|------------------------------------------------|------|
| Rated voltage                                  | V    |
| Rated current                                  | A    |
| Rated cross-section                            | mm²  |
| Rated impulse voltage / Pollution severity     | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class |      |
| Approvals                                      |      |
| Clamped conductors (H05V/H07V)                 |      |
| solid / stranded                               | mm²  |
| flexible / Stranded wire with end ferrules     | mm²  |
| Tightening torque range (clamping screw)       |      |
| Stripping length / Blade size                  | mm/- |
| Note                                           |      |

Ordering data

| Version       |
|---------------|
| Medium yellow |
| Note          |

Accessories

| Screwable cross-connection                                                          |                       |
|-------------------------------------------------------------------------------------|-----------------------|
|  | 2-pole                |
|                                                                                     | 3-pole                |
|                                                                                     | 4-pole                |
| End plate / Partition plate                                                         |                       |
|                                                                                     | dark brown            |
|                                                                                     | Tropical applications |
|                                                                                     | dark brown            |
|                                                                                     | Tropical applications |
| Cover / warning label                                                               |                       |
|                                                                                     | Cover / warning label |

|                                                                                                    |                                 |
|----------------------------------------------------------------------------------------------------|---------------------------------|
| Marking systems                                                                                    | (see assortment in catalogue 7) |
|                                                                                                    | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

SAKG 32 III

50 mm²



|                |
|----------------|
| 32 x 94 x 84.5 |
| 192 / 70       |
| 10...70        |

| IEC 60947-7-1                                                                                            |             |             |
|----------------------------------------------------------------------------------------------------------|-------------|-------------|
| IEC                                                                                                      | UL          | CSA         |
| 1000                                                                                                     | 600         | 600         |
| 150                                                                                                      | 165         | 185         |
| 50                                                                                                       | AWG 6...3/0 | AWG 1...2/0 |
| 8 / 3                                                                                                    |             |             |
| B11 / 5VA                                                                                                |             |             |
|                         |             |             |
| Rated connection                                                                                         |             |             |
| 10...16 / 10...70                                                                                        |             |             |
| 10...70 / 10...70                                                                                        |             |             |
| 6.0...12 Nm (M 8)                                                                                        |             |             |
| 26 /                                                                                                     |             |             |
| A tightening torque of 12 Nm must be applied to 50 - 70 mm² stranded and AWG 2 - 3/0 7-core connections. |             |             |

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| SAKG 32/35 III | 10   | 0637220000 |

| Type                    | Qty.  | Order No.     |
|-------------------------|-------|---------------|
|                         |       |               |
|                         |       |               |
|                         |       |               |
| Width                   |       |               |
| EP 2 SAKG46/35 HP/DBR   | 2 mm  | 10 0180700000 |
| EP 2 SAKG46/35 HP/TF/GE | 2 mm  | 10 0180800000 |
| TW SAKG46 HP/DBR/2      | 2 mm  | 10 0177100000 |
| TW SAKG46 HP/TF/GE/2    | 2 mm  | 10 0179900000 |
| AH 32 SAKG32            | 30 mm | 5 0326760000  |

|         |
|---------|
| DEK 5/5 |
|---------|

SAKG 70 II G

70 mm²



|                |
|----------------|
| 32 x 84 x 51.4 |
| 192 / 95       |
| 10...95        |

| IEC 60947-7-1                                                                                               |             |               |
|-------------------------------------------------------------------------------------------------------------|-------------|---------------|
| IEC                                                                                                         | UL          | CSA           |
| 1000                                                                                                        |             | 600           |
| 192                                                                                                         |             | 200           |
| 70                                                                                                          | AWG 6...3/0 | AWG 2/0...4/0 |
| 8 / 3                                                                                                       |             |               |
| / 5VA                                                                                                       |             |               |
|                          |             |               |
| Rated connection                                                                                            |             |               |
| 10...16                                                                                                     |             |               |
| 6.0...12 Nm (M 8)                                                                                           |             |               |
| Conductor connection with cable lugs according to DIN 46234 with 16...95 mm² and DIN 46235 with 10...50 mm² |             |               |

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| SAKG 70/35 II/GW | 10   | 0636620000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| QL 2 SAKG32+70          | 150 A   | 5    | 0194000000 |
| QL 3 SAKG32+70          | 150 A   | 5    | 0441500000 |
| QL 4 SAKG32+70          | 150 A   | 5    | 0441600000 |
| Width                   |         |      |            |
| EP 1 SAKG32/35 HP/DBR   | 2 mm    | 10   | 0180500000 |
| EP 1 SAKG32/35 HP/TF/GE | 2 mm    | 10   | 0180600000 |
| TW SAKG28 HP/DBR/2      | 2 mm    | 10   | 0151400000 |
| TW SAKG28 HP/TF/GE/2    | 2 mm    | 10   | 0164600000 |
| AH 32 SAKG32            | 30 mm   | 5    | 0326760000 |

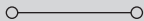
|         |
|---------|
| DEK 5/5 |
|---------|

SAKG 40 I

95 mm<sup>2</sup>



40 x 94 x 84.5  
232 / 95  
10...95



IEC 60947-7-1

| IEC       | UL            | CSA           |
|-----------|---------------|---------------|
| 1000      | 600           | 600           |
| 232       | 195           | 250           |
| 95        | AWG 2/0...4/0 | AWG 2/0...4/0 |
| 8 / 3     |               |               |
| B12 / 5VA |               |               |



Rated connection

10...16 / 10...95  
10...95 / 10...95  
10...20 Nm (M 10)  
25 /

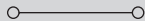
Conductor connection with cable lugs acc. to DIN 46234 from 10 .. 95 mm<sup>2</sup>

SAKG 40 II

95 mm<sup>2</sup>



40 x 90 x 53  
232 / 95  
10...95



IEC 60947-7-1

| IEC   | UL          | CSA           |
|-------|-------------|---------------|
| 1000  | 600         | 600           |
| 232   | 230         | 250           |
| 95    | AWG 1...4/0 | AWG 2/0...4/0 |
| 8 / 3 |             |               |
| / 5VA |             |               |



Rated connection

...16  
10...20 Nm (M 10)

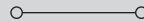
Conductor connection with cable lugs according to DIN 46234, from 10 .. 95 mm<sup>2</sup>

SAKG 40 II GW

95 mm<sup>2</sup>



40 x 90 x 53  
232 / 95  
10...95



IEC 60947-7-1

| IEC   | UL          | CSA           |
|-------|-------------|---------------|
| 1000  | 600         | 600           |
| 232   | 230         | 250           |
| 95    | AWG 1...4/0 | AWG 2/0...4/0 |
| 8 / 3 |             |               |
| / 5VA |             |               |



Rated connection

...16  
10...20 Nm (M 10)

Conductor connection with cable lugs according to DIN 46234, from 10 .. 95 mm<sup>2</sup>

| Type         | Qty. | Order No.  |
|--------------|------|------------|
| SAKG 40/35 I | 5    | 0637520000 |

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| SAKG 40/35 II | 5    | 0637720000 |

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| SAKG 40/35 II/GW | 5    | 0637820000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| QL 2 SAKG40/35          | 232 A   | 5    | 0211400000 |
| QL 3 SAKG40/35          | 232 A   | 5    | 0444900000 |
| QL 4 SAKG40/35          | 232 A   | 5    | 0445000000 |
| Width                   |         |      |            |
| EP 2 SAKG46/35 HP/DBR   | 2 mm    | 10   | 0180700000 |
| EP 2 SAKG46/35 HP/TF/GE | 2 mm    | 10   | 0180800000 |
| TW SAKG46 HP/DBR/2      | 2 mm    | 10   | 0177100000 |
| TW SAKG46 HP/TF/GE/2    | 2 mm    | 10   | 0179900000 |
| AH 40 SAKG40            |         |      |            |
|                         | 38 mm   | 5    | 0326860000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| QL 2 SAKG40/35          | 232 A   | 5    | 0211400000 |
| QL 3 SAKG40/35          | 232 A   | 5    | 0444900000 |
| QL 4 SAKG40/35          | 232 A   | 5    | 0445000000 |
| Width                   |         |      |            |
| EP 2 SAKG46/35 HP/DBR   | 2 mm    | 10   | 0180700000 |
| EP 2 SAKG46/35 HP/TF/GE | 2 mm    | 10   | 0180800000 |
| TW SAKG46 HP/DBR/2      | 2 mm    | 10   | 0177100000 |
| TW SAKG46 HP/TF/GE/2    | 2 mm    | 10   | 0179900000 |
| AH 40 SAKG40            |         |      |            |
|                         | 38 mm   | 5    | 0326860000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| QL 2 SAKG40/35          | 232 A   | 5    | 0211400000 |
| QL 3 SAKG40/35          | 232 A   | 5    | 0444900000 |
| QL 4 SAKG40/35          | 232 A   | 5    | 0445000000 |
| Width                   |         |      |            |
| EP 2 SAKG46/35 HP/DBR   | 2 mm    | 10   | 0180700000 |
| EP 2 SAKG46/35 HP/TF/GE | 2 mm    | 10   | 0180800000 |
| TW SAKG46 HP/DBR/2      | 2 mm    | 10   | 0177100000 |
| TW SAKG46 HP/TF/GE/2    | 2 mm    | 10   | 0179900000 |
| AH 40 SAKG40            |         |      |            |
|                         | 38 mm   | 5    | 0326860000 |

DEK 5/5

DEK 5/5

DEK 5/5

Special terminals - SAKG

TS 35 / KrG

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

Technical data

| Rated data                                     |                 |
|------------------------------------------------|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note                                           |                 |

Ordering data

| Version       |
|---------------|
| Medium yellow |
| Note          |

Accessories

| Screwable cross-connection                                                          |                       |
|-------------------------------------------------------------------------------------|-----------------------|
|  | 2-pole                |
|                                                                                     | 3-pole                |
|                                                                                     | 4-pole                |
| End plate / Partition plate                                                         |                       |
|                                                                                     | dark brown            |
|                                                                                     | Tropical applications |
|                                                                                     | dark brown            |
|                                                                                     | Tropical applications |
| Cover / warning label                                                               |                       |
|                                                                                     | Cover / warning label |

|                                                                                                    |                                 |
|----------------------------------------------------------------------------------------------------|---------------------------------|
| Marking systems                                                                                    | (see assortment in catalogue 7) |
|                                                                                                    | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

SAKG 40 III

95 mm<sup>2</sup>



|                |
|----------------|
| 40 x 98 x 84.5 |
| 232 / 95       |
| 10...95        |

| IEC 60947-7-1                                                                     |             |               |
|-----------------------------------------------------------------------------------|-------------|---------------|
| IEC                                                                               | UL          | CSA           |
| 1000                                                                              | 600         | 600           |
| 232                                                                               | 195         | 230           |
| 95                                                                                | AWG 1...4/0 | AWG 2/0...4/0 |
| 8 / 3                                                                             |             |               |
| B12 / 5VA                                                                         |             |               |
|  |             |               |
| Rated connection                                                                  |             |               |
| 10...16 / 10...95                                                                 |             |               |
| 10...95 / 10...95                                                                 |             |               |
| 16...20 Nm (M 10)                                                                 |             |               |
| 25 /                                                                              |             |               |

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| SAKG 40/35 III | 5    | 0637620000 |

| Type                    | Qty.  |    | Order No.  |
|-------------------------|-------|----|------------|
|                         |       |    |            |
|                         |       |    |            |
|                         |       |    |            |
| Width                   |       |    |            |
| EP 2 SAKG46/35 HP/DBR   | 2 mm  | 10 | 0180700000 |
| EP 2 SAKG46/35 HP/TF/GE | 2 mm  | 10 | 0180800000 |
| TW SAKG46 HP/DBR/2      | 2 mm  | 10 | 0177100000 |
| TW SAKG46 HP/TF/GE/2    | 2 mm  | 10 | 0179900000 |
|                         |       |    |            |
| AH 40 SAKG40            | 38 mm | 5  | 0326860000 |

|         |
|---------|
| DEK 5/5 |
|---------|

SAKG 46 II

150 mm<sup>2</sup>



|               |
|---------------|
| 46 x 106 x 57 |
| 353 / 185     |
| 10...185      |

| IEC 60947-7-1                                                                                                                               |               |             |
|---------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------|
| IEC                                                                                                                                         | UL            | CSA         |
| 1000                                                                                                                                        | 600           | 600         |
| 309                                                                                                                                         | 285           | 365         |
| 150                                                                                                                                         | AWG 4/0...300 | AWG 4...300 |
| 8 / 3                                                                                                                                       |               |             |
| / 5VA                                                                                                                                       |               |             |
|                                                          |               |             |
| Rated connection                                                                                                                            |               |             |
| 10...16                                                                                                                                     |               |             |
| 14...31 Nm M 12                                                                                                                             |               |             |
| Conductor connection with cable lugs according to DIN 46234, from 10 ... 185 mm <sup>2</sup> and DIN 46235, from 25 ... 150 mm <sup>2</sup> |               |             |

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| SAKG 46/35 II | 5    | 0637920000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| QL 2 SAKG46             | 309 A   | 5    | 0247000000 |
| QL 3 SAKG46             | 309 A   | 5    | 0444400000 |
| QL 4 SAKG46             | 309 A   | 5    | 0444500000 |
| Width                   |         |      |            |
| EP 2 SAKG46/35 HP/DBR   | 2 mm    | 10   | 0180700000 |
| EP 2 SAKG46/35 HP/TF/GE | 2 mm    | 10   | 0180800000 |
| TW SAKG46 HP/DBR/2      | 2 mm    | 10   | 0177100000 |
| TW SAKG46 HP/TF/GE/2    | 2 mm    | 10   | 0179900000 |
| AH 46 SAKG46            | 46 mm   | 5    | 0326960000 |

|         |
|---------|
| DEK 5/5 |
|---------|

SAKG 46 II GW

150 mm²



46 x 106 x 57  
353 / 185  
10...185



IEC 60947-7-1

| IEC   | UL                  | CSA         |
|-------|---------------------|-------------|
| 1000  | 600                 | 600         |
| 309   | 285                 | 365         |
| 150   | AWG 4/0...kcmil 300 | AWG 1...300 |
| 8 / 3 |                     |             |
| / 5VA |                     |             |



Rated connection

10...16

14...31 Nm M 12

Conductor connection with cable lugs according to DIN 46234, from 10 ... 185 mm² and DIN 46235, from 25 ... 150 mm²

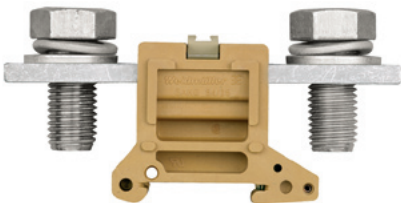
| Type             | Qty. | Order No.  |
|------------------|------|------------|
| SAKG 46/35 II/GW | 5    | 0638020000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| QL 2 SAKG46             | 309 A   | 5    | 0247000000 |
| QL 3 SAKG46             | 309 A   | 5    | 0444400000 |
| QL 4 SAKG46             | 309 A   | 5    | 0444500000 |
| Width                   |         |      |            |
| EP 2 SAKG46/35 HP/DBR   | 2 mm    | 10   | 0180700000 |
| EP 2 SAKG46/35 HP/TF/GE | 2 mm    | 10   | 0180800000 |
| TW SAKG46 HP/DBR/2      | 2 mm    | 10   | 0177100000 |
| TW SAKG46 HP/TF/GE/2    | 2 mm    | 10   | 0179900000 |
| AH 46 SAKG46            |         |      |            |
|                         | 46 mm   | 5    | 0326960000 |

DEK 5/5

SAKG 54 II

240 mm²



54 x 122 x 60.5  
415 / 240  
10...240



IEC 60947-7-1

| IEC   | UL                    | CSA                   |
|-------|-----------------------|-----------------------|
| 1000  | 600                   | 600                   |
| 415   | 380                   | 600                   |
| 240   | kcmil 300...kcmil 500 | kcmil 300...kcmil 500 |
| 8 / 3 |                       |                       |
| / 5VA |                       |                       |



Rated connection

25...60 Nm M 16

Conductor connection with cable lugs according to DIN 46234 and DIN 46235, from 70 ... 240 mm²

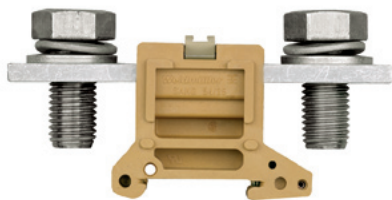
| Type          | Qty. | Order No.  |
|---------------|------|------------|
| SAKG 54/35 II | 5    | 0638120000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| QL 2 SAKG54             | 415 A   | 5    | 0264400000 |
| QL 3 SAKG54             | 415 A   | 5    | 0408000000 |
| QL 4 SAKG54             | 415 A   | 5    | 0247400000 |
| Width                   |         |      |            |
| EP 2 SAKG46/35 HP/DBR   | 2 mm    | 10   | 0180700000 |
| EP 2 SAKG46/35 HP/TF/GE | 2 mm    | 10   | 0180800000 |
| TW SAKG46 HP/DBR/2      | 2 mm    | 10   | 0177100000 |
| TW SAKG46 HP/TF/GE/2    | 2 mm    | 10   | 0179900000 |

DEK 5/5

SAKG 54 II GW

240 mm²



54 x 122 x 60.5  
415 / 240  
10...240



IEC 60947-7-1

| IEC   | UL                    | CSA                   |
|-------|-----------------------|-----------------------|
| 1000  | 600                   | 600                   |
| 415   | 380                   | 600                   |
| 240   | kcmil 300...kcmil 500 | kcmil 300...kcmil 500 |
| 8 / 3 |                       |                       |
| / 5VA |                       |                       |



Rated connection

25...60 Nm M 16

Conductor connection with cable lugs according to DIN 46234 and DIN 46235, from 70 ... 240 mm²

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| SAKG 54/35 II/GW | 5    | 0638220000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| QL 2 SAKG54             | 415 A   | 5    | 0264400000 |
| QL 3 SAKG54             | 415 A   | 5    | 0408000000 |
| QL 4 SAKG54             | 415 A   | 5    | 0247400000 |
| Width                   |         |      |            |
| EP 2 SAKG46/35 HP/DBR   | 2 mm    | 10   | 0180700000 |
| EP 2 SAKG46/35 HP/TF/GE | 2 mm    | 10   | 0180800000 |
| TW SAKG46 HP/DBR/2      | 2 mm    | 10   | 0177100000 |
| TW SAKG46 HP/TF/GE/2    | 2 mm    | 10   | 0179900000 |

DEK 5/5

Stud Terminal - KST

TS 35 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |       |
|-----------------------------------------|-------|
| Width/Length/height with TS35x7.5       | mm    |
| max. current / max. cond. cross-section | A/mm² |
| Max. clamping range                     | mm²   |

Technical data

| Rated data                                     |      |
|------------------------------------------------|------|
| Rated voltage                                  | V    |
| Rated current                                  | A    |
| Rated cross-section                            | mm²  |
| Rated impulse voltage / Pollution severity     | kV/- |
| Gauge to IEC 60947-1 / UL94 Flammability class |      |
| Approvals                                      |      |
| Tightening torque range (clamping screw)       |      |
| Note                                           |      |

Ordering data

| Version |                |
|---------|----------------|
|         | TS 35 x 7,5    |
|         | TS 35 x 15/2,3 |
| Note    |                |

Accessories

| Screwable cross-connection |        |
|----------------------------|--------|
|                            | 2-pole |
| Partition plate            |        |
|                            | left   |
|                            | right  |

|                                                                                                    |                                 |
|----------------------------------------------------------------------------------------------------|---------------------------------|
| Marking systems                                                                                    | (see assortment in catalogue 7) |
|                                                                                                    | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

KST 5/35

10 mm²



24 x 62.5 x 49.5

57 /



| IEC              | UL         | CSA       |
|------------------|------------|-----------|
| 1000             | 600        | 600       |
| 57               | 50         | 65        |
| 10               | AWG 12...6 | AWG 8...2 |
| 8 / 3            |            |           |
| / V2             |            |           |
| PSE              |            |           |
| Rated connection |            |           |
| 2.0...4.0 Nm     |            |           |
| Note             |            |           |

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| KST 5/35 M5X18 | 25   | 9528300000 |
| Note           |      |            |

| Type                    | Qty. | Order No.  |
|-------------------------|------|------------|
| Width                   |      |            |
| TW KST5-12 LI/NO 160/HM | 10   | 1752800000 |
| TW KST5-12 RE/NO 160/HM | 10   | 1718530000 |

|         |
|---------|
| DEK 5/5 |
|         |

KST 6/35

16 mm²



24 x 60 x 54.5

76 /

...



| IEC              | UL         | CSA        |
|------------------|------------|------------|
| 1000             | 600        | 600        |
| 76               | 65         | 80         |
| 16               | AWG 12...6 | AWG 12...6 |
| 8 / 3            |            |            |
| / V2             |            |            |
| PSE ENEC UL      |            |            |
| Rated connection |            |            |
| 3.0...6.0 Nm     |            |            |
| Note             |            |            |

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| KST 6/35 M6X22 | 25   | 9506940000 |
| Note           |      |            |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| QL 2 KST6               | 76 A    | 5    | 9501350000 |
| Width                   |         |      |            |
| TW KST5-12 LI/NO 160/HM |         | 10   | 1752800000 |
| TW KST5-12 RE/NO 160/HM |         | 10   | 1718530000 |

|         |
|---------|
| DEK 5/5 |
|         |

KST 8/35

35 mm²



24 x 62.5 x 72

125 /

...



| IEC   | UL         | CSA        |
|-------|------------|------------|
| 1000  | 600        | 600        |
| 125   | 115        | 130        |
| 35    | AWG 12...2 | AWG 12...2 |
| 8 / 3 |            |            |
| / V2  |            |            |



Rated connection

6.0...12 Nm

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| KST 8/35 M8X30 | 25   | 9506950000 |
| KST 8/35 M8X30 | 25   | 9528320000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| QL 2 KST8               | 125 A   | 5    | 9501360000 |
| Width                   |         |      |            |
| TW KST5-12 LI/NO 160/HM |         | 10   | 1752800000 |
| TW KST5-12 RE/NO 160/HM |         | 10   | 1718530000 |

DEK 5/5

KST 10/35

70 mm²



34 x 60 x 82

192 /

...



| IEC   | UL           | CSA          |
|-------|--------------|--------------|
| 1000  | 600          | 600          |
| 232   | 175          | 200          |
| 70    | AWG 12...2/0 | AWG 12...2/0 |
| 8 / 3 |              |              |
| / V2  |              |              |



Rated connection

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| KST 10/35 M10X39 | 20   | 9506960000 |
| KST 10/35 M10X39 | 20   | 9528330000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| QL 2 KST10              |         | 5    | 9501370000 |
| Width                   |         |      |            |
| TW KST5-12 LI/NO 160/HM |         | 10   | 1752800000 |
| TW KST5-12 RE/NO 160/HM |         | 10   | 1718530000 |

DEK 5/5

KST 12/35

95 mm²



34 x 60 x 74.5

232 /

...



| IEC   | UL         | CSA     |
|-------|------------|---------|
| 1000  | 600        | 600     |
| 232   | 200        | 250     |
| 95    | AWG 12...3 | ...0000 |
| 8 / 3 |            |         |
| / V2  |            |         |



Rated connection

14...31 Nm

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| KST 12/35 M12X37 | 20   | 9506970000 |
| KST 12/35 M12X37 | 20   | 9528340000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| QL 2 KST12              | 232 A   | 5    | 9501380000 |
| Width                   |         |      |            |
| TW KST5-12 LI/NO 160/HM |         | 10   | 1752800000 |
| TW KST5-12 RE/NO 160/HM |         | 10   | 1718530000 |

DEK 5/5

## Terminals with electronic components

With electronic components  
TS 35 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                     |                 |
|------------------------------------------------|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |
| Electronic fixtures                            |                 |
| Diode reverse voltage / Diode current          | -               |
| Operating voltage for display, min. / Current  | V/mA            |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note                                           |                 |

## Ordering data

| Version |           |
|---------|-----------|
|         | Red LED   |
|         | Green LED |
|         | Neon lamp |
| Note    |           |

## Accessories

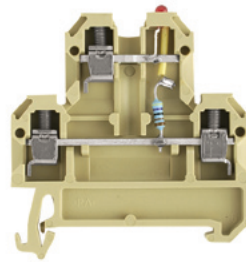
| Screwable cross-connection  |                   |
|-----------------------------|-------------------|
|                             | 2-pole            |
|                             | 3-pole            |
|                             | 4-pole            |
|                             | 10-pole           |
| External cross-connection   |                   |
|                             | 2-pole            |
|                             | 3-pole            |
|                             | 4-pole            |
| Switchable link             |                   |
|                             | Switchable link   |
|                             | Connecting sleeve |
|                             | Mounting screw    |
| Testing / Checking          |                   |
|                             | Test plug         |
|                             | Socket            |
| End plate / Partition plate |                   |
|                             | beige             |
| Small partition             |                   |
|                             | Small partition   |

| Marking systems                                                                                    | (see assortment in catalogue 7) |
|----------------------------------------------------------------------------------------------------|---------------------------------|
|                                                                                                    | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

## DK 4 LD/1

4 mm<sup>2</sup>

## DC voltage indicator



|               |  |
|---------------|--|
| 6 x 50 x 52.5 |  |
| 10 / 4        |  |
| 0.5...4       |  |

IEC 60947-7-1

| IEC                | UL      | CSA |
|--------------------|---------|-----|
| 24                 |         |     |
| 10                 |         |     |
| 4                  |         |     |
|                    | 1 / 3   |     |
|                    | A3 / V2 |     |
|                    |         |     |
| 24 / 5             |         |     |
| Rated connection   |         |     |
| 0.5...4 / 0.5...4  |         |     |
| 0.5...4 / 0.5...4  |         |     |
| 0.5...1.0 Nm (M 3) |         |     |
| 9 / 0.6 x 3.5 mm   |         |     |
| Note               |         |     |

| Type                | Qty. | Order No.  |
|---------------------|------|------------|
| DK 4/35 LD GR 24VDC | 25   | 0395460000 |
| Note                |      |            |

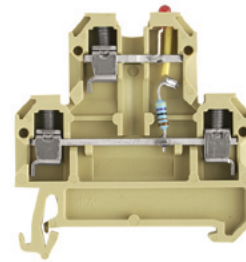
| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 AKZ4                | 32 A    | 50   | 0336400000 |
| Q 3 AKZ4                | 32 A    | 50   | 0336500000 |
| Q 4 AKZ4                | 32 A    | 50   | 0336600000 |
|                         |         |      |            |
| QB 2 WI RA6 IS          | 27 A    | 50   | 0482700000 |
| QB 3 WI RA6 IS          | 27 A    | 50   | 0482800000 |
| QB 4 WI RA6 IS          | 27 A    | 50   | 0482900000 |
|                         |         |      |            |
| VL 2 AKZ4/DK4           |         | 50   | 0446700000 |
| VH 10/4/2.8 AKZ4        |         | 50   | 0446600000 |
| BFSC M2.5X14 SAKD2.5N   |         | 100  | 0266800000 |
| Width                   |         |      |            |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | 0215700000 |
|                         |         |      |            |
| AP DK4                  | 1.5 mm  | 20   | 0359260000 |
|                         |         |      |            |
| TSCH 4 AKZ4             | 6 mm    | 100  | 0363360000 |

| Marking systems                                                                                    | (see assortment in catalogue 7) |
|----------------------------------------------------------------------------------------------------|---------------------------------|
|                                                                                                    | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

## DK 4 LD/2

4 mm<sup>2</sup>

## DC voltage indicator



|               |  |
|---------------|--|
| 6 x 50 x 52.5 |  |
| 10 / 4        |  |
| 0.5...4       |  |

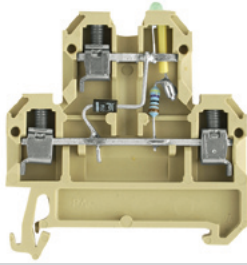
IEC 60947-7-1

| IEC                | UL      | CSA |
|--------------------|---------|-----|
| 24                 |         |     |
| 10                 |         |     |
| 4                  |         |     |
|                    | 1 / 3   |     |
|                    | A3 / V2 |     |
|                    |         |     |
| 24 / 5             |         |     |
| Rated connection   |         |     |
| 0.5...4 / 0.5...4  |         |     |
| 0.5...4 / 0.5...4  |         |     |
| 0.5...1.0 Nm (M 3) |         |     |
| 9 / 0.6 x 3.5 mm   |         |     |
| Note               |         |     |

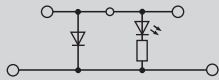
| Type                | Qty. | Order No.  |
|---------------------|------|------------|
| DK 4/35 LD GR 24VDC | 25   | 0395760000 |
| Note                |      |            |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 AKZ4                | 32 A    | 50   | 0336400000 |
| Q 3 AKZ4                | 32 A    | 50   | 0336500000 |
| Q 4 AKZ4                | 32 A    | 50   | 0336600000 |
|                         |         |      |            |
| QB 2 WI RA6 IS          | 27 A    | 50   | 0482700000 |
| QB 3 WI RA6 IS          | 27 A    | 50   | 0482800000 |
| QB 4 WI RA6 IS          | 27 A    | 50   | 0482900000 |
|                         |         |      |            |
| VL 2 AKZ4/DK4           |         | 50   | 0446700000 |
| VH 10/4/2.8 AKZ4        |         | 50   | 0446600000 |
| BFSC M2.5X14 SAKD2.5N   |         | 100  | 0266800000 |
| Width                   |         |      |            |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | 0215700000 |
|                         |         |      |            |
| AP DK4                  | 1.5 mm  | 20   | 0359260000 |
|                         |         |      |            |
| TSCH 4 AKZ4             | 6 mm    | 100  | 0363360000 |

| Marking systems                                                                                    | (see assortment in catalogue 7) |
|----------------------------------------------------------------------------------------------------|---------------------------------|
|                                                                                                    | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

**DK 4 LD/3****4 mm<sup>2</sup>****DC voltage indicator**

6 x 50 x 52.5

**10 / 4****0.5...4**

IEC 60947-7-1

| IEC | UL      | CSA |
|-----|---------|-----|
| 24  |         |     |
| 10  |         |     |
| 4   |         |     |
|     | 1 / 3   |     |
|     | A3 / V2 |     |



24 / 5

**Rated connection**

0.5...4 / 0.5...4

0.5...4 / 0.5...4

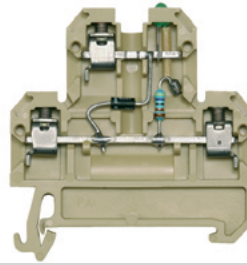
0.5...1.0 Nm (M 3)

9 / 0.6 x 3.5 mm

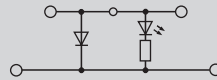
| Type                 | Qty. | Order No.         |
|----------------------|------|-------------------|
| DK 4/35 LD ROT 24VDC | 25   | <b>0210260000</b> |
| DK 4/35 LD GR 24VDC  | 25   | <b>0210460000</b> |

| Type                    | current | Qty. | Order No.         |
|-------------------------|---------|------|-------------------|
| Q 2 AKZ4                | 32 A    | 50   | <b>0336400000</b> |
| Q 3 AKZ4                | 32 A    | 50   | <b>0336500000</b> |
| Q 4 AKZ4                | 32 A    | 50   | <b>0336600000</b> |
|                         |         |      |                   |
| QB 2 WI RA6 IS          | 27 A    | 50   | <b>0482700000</b> |
| QB 3 WI RA6 IS          | 27 A    | 50   | <b>0482800000</b> |
| QB 4 WI RA6 IS          | 27 A    | 50   | <b>0482900000</b> |
|                         |         |      |                   |
| VL 2 AKZ4/DK4           | 32 A    | 50   | <b>0446700000</b> |
| VH 10/4/2.8 AKZ4        |         | 50   | <b>0446600000</b> |
| BFSC M2.5X14 SAKD2.5N   |         | 100  | <b>0266800000</b> |
| <b>Width</b>            |         |      |                   |
| PS 2.3 RT               | 5.4 mm  | 20   | <b>0180400000</b> |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | <b>0215700000</b> |
|                         |         |      |                   |
| AP DK4                  | 1.5 mm  | 20   | <b>0359260000</b> |
|                         |         |      |                   |
| TSCH 4 AKZ4             | 6 mm    | 100  | <b>0363360000</b> |

DEK 5/6

**DK 4 LD/4****4 mm<sup>2</sup>****DC voltage indicator**

6 x 50 x 52.5

**10 / 4****0.5...4**

IEC 60947-7-1

| IEC | UL      | CSA |
|-----|---------|-----|
| 24  |         |     |
| 10  |         |     |
| 4   |         |     |
|     | 1 / 3   |     |
|     | A3 / V2 |     |



24 / 5

**Rated connection**

0.5...4 / 0.5...4

0.5...4 / 0.5...4

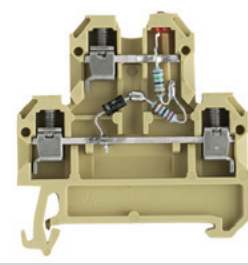
0.5...1.0 Nm (M 3)

9 / 0.6 x 3.5 mm

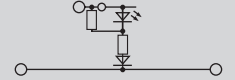
| Type                | Qty. | Order No.         |
|---------------------|------|-------------------|
| DK 4/35 LD GR 24VDC | 25   | <b>0210060000</b> |

| Type                    | current | Qty. | Order No.         |
|-------------------------|---------|------|-------------------|
| Q 2 AKZ4                | 32 A    | 50   | <b>0336400000</b> |
| Q 3 AKZ4                | 32 A    | 50   | <b>0336500000</b> |
| Q 4 AKZ4                | 32 A    | 50   | <b>0336600000</b> |
|                         |         |      |                   |
| QB 2 WI RA6 IS          | 27 A    | 50   | <b>0482700000</b> |
| QB 3 WI RA6 IS          | 27 A    | 50   | <b>0482800000</b> |
| QB 4 WI RA6 IS          | 27 A    | 50   | <b>0482900000</b> |
|                         |         |      |                   |
| VL 2 AKZ4/DK4           | 32 A    | 50   | <b>0446700000</b> |
| VH 10/4/2.8 AKZ4        |         | 50   | <b>0446600000</b> |
| BFSC M2.5X14 SAKD2.5N   |         | 100  | <b>0266800000</b> |
| <b>Width</b>            |         |      |                   |
| PS 2.3 RT               | 5.4 mm  | 20   | <b>0180400000</b> |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | <b>0215700000</b> |
|                         |         |      |                   |
| AP DK4                  | 1.5 mm  | 20   | <b>0359260000</b> |
|                         |         |      |                   |
| TSCH 4 AKZ4             | 6 mm    | 100  | <b>0363360000</b> |

DEK 5/6

**DK 4 LD/5****4 mm<sup>2</sup>****AC voltage indicator**

6 x 50 x 52.5

**10 / 4****0.5...4**

IEC 60947-7-1

| IEC | UL      | CSA |
|-----|---------|-----|
| 24  |         |     |
| 10  |         |     |
| 4   |         |     |
|     | 1 / 3   |     |
|     | A3 / V2 |     |



24 / 5

**Rated connection**

0.5...4 / 0.5...4

0.5...4 / 0.5...4

0.5...1.0 Nm (M 3)

9 / 0.6 x 3.5 mm

| Type                    | Qty. | Order No.         |
|-------------------------|------|-------------------|
| DK 4/35 LD 1D ROT 24VAC | 25   | <b>0395960000</b> |

| Type                    | current | Qty. | Order No.         |
|-------------------------|---------|------|-------------------|
| Q 2 AKZ4                | 32 A    | 50   | <b>0336400000</b> |
| Q 3 AKZ4                | 32 A    | 50   | <b>0336500000</b> |
| Q 4 AKZ4                | 32 A    | 50   | <b>0336600000</b> |
|                         |         |      |                   |
| QB 2 WI RA6 IS          | 27 A    | 50   | <b>0482700000</b> |
| QB 3 WI RA6 IS          | 27 A    | 50   | <b>0482800000</b> |
| QB 4 WI RA6 IS          | 27 A    | 50   | <b>0482900000</b> |
|                         |         |      |                   |
| VL 2 AKZ4/DK4           | 32 A    | 50   | <b>0446700000</b> |
| VH 10/4/2.8 AKZ4        |         | 50   | <b>0446600000</b> |
| BFSC M2.5X14 SAKD2.5N   |         | 100  | <b>0266800000</b> |
| <b>Width</b>            |         |      |                   |
| PS 2.3 RT               | 5.4 mm  | 20   | <b>0180400000</b> |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | <b>0215700000</b> |
|                         |         |      |                   |
| AP DK4                  | 1.5 mm  | 20   | <b>0359260000</b> |
|                         |         |      |                   |
| TSCH 4 AKZ4             | 6 mm    | 100  | <b>0363360000</b> |

DEK 5/6

## Terminals with electronic components

With electronic components  
TS 35 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                     |                 |
|------------------------------------------------|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |
| Electronic fixtures                            |                 |
| Diode reverse voltage / Diode current          | -               |
| Operating voltage for display, min. / Current  | V/A             |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note                                           |                 |

## Ordering data

| Version |           |
|---------|-----------|
|         | Red LED   |
|         | Green LED |
|         | Neon lamp |
| Note    |           |

## Accessories

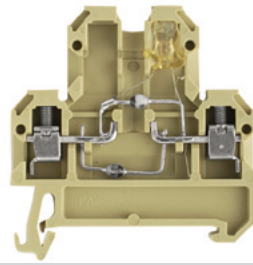
| Screwable cross-connection                                                          |                   |
|-------------------------------------------------------------------------------------|-------------------|
|  | 2-pole            |
|                                                                                     | 3-pole            |
|                                                                                     | 4-pole            |
|                                                                                     | 10-pole           |
| External cross-connection                                                           |                   |
|                                                                                     | 2-pole            |
|                                                                                     | 3-pole            |
|                                                                                     | 4-pole            |
| Switchable link                                                                     |                   |
|                                                                                     | Switchable link   |
|                                                                                     | Connecting sleeve |
|                                                                                     | Mounting screw    |
| Testing / Checking                                                                  |                   |
|                                                                                     | Test plug         |
|                                                                                     | Socket            |
| End plate / Partition plate                                                         |                   |
|                                                                                     | beige             |
| Small partition                                                                     |                   |
|                                                                                     | Small partition   |

| Marking systems                                                                                    | (see assortment in catalogue 7) |
|----------------------------------------------------------------------------------------------------|---------------------------------|
|                                                                                                    | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

## DK 4 GL I

4 mm<sup>2</sup>

## Current indicator



6 x 50 x 52.5

/ 4

0.33...4



| IEC                | UL      | CSA |
|--------------------|---------|-----|
| 250                |         |     |
| 10                 |         |     |
| 4                  |         |     |
|                    | 1 / 3   |     |
|                    | A3 / V2 |     |
| 3 / 1              |         |     |
| Rated connection   |         |     |
| 0.5...4 / 0.5...4  |         |     |
| 0.5...4 / 0.5...4  |         |     |
| 0.5...1.0 Nm (M 3) |         |     |
| 9 / 0.6 x 3.5 mm   |         |     |

| Type                | Qty. | Order No.  |
|---------------------|------|------------|
| DK 4/35 GL 1D 11,0A | 25   | 1111160000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 AKZ4                | 32 A    | 50   | 0336400000 |
| Q 3 AKZ4                | 32 A    | 50   | 0336500000 |
| Q 4 AKZ4                | 32 A    | 50   | 0336600000 |
| Q 10 AKZ4               | 32 A    | 20   | 0368600000 |
| QB 2 WI RA6 IS          | 27 A    | 50   | 0482700000 |
| QB 3 WI RA6 IS          | 27 A    | 50   | 0482800000 |
| QB 4 WI RA6 IS          | 27 A    | 50   | 0482900000 |
| VL 2 AKZ4/DK4           | 32 A    | 50   | 0446700000 |
| VH 10/4/2.8 AKZ4        |         | 50   | 0446600000 |
| BFSC M2.5X14 SAKD2.5N   |         | 100  | 0266800000 |
| Width                   |         |      |            |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | 0215700000 |
| AP DK4                  | 1.5 mm  | 20   | 0359260000 |
| TSCH 4 AKZ4             | 6 mm    | 100  | 0363360000 |

## With electronic components TS 35 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

### Technical data

| Rated data                                     |                 |
|------------------------------------------------|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |
| Electronic fixtures                            |                 |
| Diode reverse voltage / Diode current          | A               |
| Operating voltage for display, min. / Current  | -/A             |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note                                           |                 |

### Ordering data

| Version |           |
|---------|-----------|
|         | Red LED   |
|         | Green LED |
| Note    |           |

### Accessories

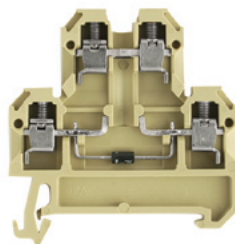
| Screwable cross-connection                                                          |        |
|-------------------------------------------------------------------------------------|--------|
|  | 2-pole |
|                                                                                     | 3-pole |
|                                                                                     | 4-pole |
| External cross-connection                                                           |        |
|                                                                                     | 2-pole |
|                                                                                     | 3-pole |
|                                                                                     | 4-pole |
| Switchable link                                                                     |        |
| Switchable link                                                                     |        |
| Connecting sleeve                                                                   |        |
| Mounting screw                                                                      |        |
| Testing / Checking                                                                  |        |
| Test plug                                                                           |        |
| Socket                                                                              |        |
| End plate / Partition plate                                                         |        |
| beige                                                                               |        |
| Small partition                                                                     |        |
| Small partition                                                                     |        |

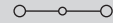
| Marking systems                                                                                    | (see assortment in catalogue 7) |
|----------------------------------------------------------------------------------------------------|---------------------------------|
|                                                                                                    | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

## DK 4 D/1

4 mm<sup>2</sup>

Diode terminal, e.g. as reverse polarity protection



|               |                                                                                   |
|---------------|-----------------------------------------------------------------------------------|
| 6 x 50 x 52.5 |  |
| 10 / 4        |  |
| 0.33...4      |                                                                                   |

| IEC                                                                               | UL | CSA         |
|-----------------------------------------------------------------------------------|----|-------------|
| 380                                                                               |    | 300         |
| 10                                                                                |    | 10          |
| 4                                                                                 |    | AWG 22...12 |
|                                                                                   |    | / 3         |
|                                                                                   |    | A3 / V2     |
|  |    |             |
| 1000 / 1                                                                          |    |             |
| Rated connection                                                                  |    |             |
| 0.5...4 / 0.5...4                                                                 |    |             |
| 0.5...4 / 0.5...4                                                                 |    |             |
| 0.5...0.8 Nm (M 3)                                                                |    |             |
| 9 / 0.6 x 3.5 mm                                                                  |    |             |
| Diode current: max 1A. (1 N 4007)                                                 |    |             |

| Type                | Qty. | Order No.  |
|---------------------|------|------------|
| DK 4/35 1D GET.SCH. | 25   | 0396360000 |

| Type                    | current | Qty.  | Order No.  |
|-------------------------|---------|-------|------------|
| Q 2 AKZ4                | 32 A    | 50    | 0336400000 |
| Q 3 AKZ4                | 32 A    | 50    | 0336500000 |
| Q 4 AKZ4                | 32 A    | 50    | 0336600000 |
|                         |         |       |            |
| QB 2 WI RA6 IS          | 27 A    | 50    | 0482700000 |
| QB 3 WI RA6 IS          | 27 A    | 50    | 0482800000 |
| QB 4 WI RA6 IS          | 27 A    | 50    | 0482900000 |
|                         |         |       |            |
| VL 2 AKZ4/DK4           | 32 A    | 50    | 0446700000 |
| VH 10/4/2.8 AKZ4        |         | 50    | 0446600000 |
| BFSC M2.5X14 SAKD2.5N   |         | 100   | 0266800000 |
|                         |         |       |            |
|                         |         | Width |            |
| PS 2.3 RT               | 5.4 mm  | 20    | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50    | 0215700000 |
|                         |         |       |            |
| AP DK4                  | 1.5 mm  | 20    | 0359260000 |
|                         |         |       |            |
| TSCH 4 AKZ4             | 6 mm    | 100   | 0363360000 |

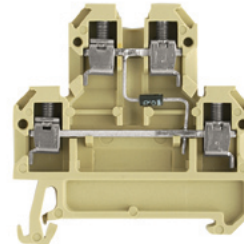
| Marking systems                                                                                    | (see assortment in catalogue 7) |
|----------------------------------------------------------------------------------------------------|---------------------------------|
|                                                                                                    | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

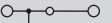
## Terminals with electronic components

## DK 4 D/2

4 mm<sup>2</sup>

Suppressor circuit for contactor and solenoid valve (DC voltage)



|               |                                                                                     |
|---------------|-------------------------------------------------------------------------------------|
| 6 x 50 x 52.5 |  |
| 10 / 4        |  |
| 0.33...4      |                                                                                     |

| IEC                                                                                 | UL | CSA         |
|-------------------------------------------------------------------------------------|----|-------------|
| 380                                                                                 |    | 300         |
| 10                                                                                  |    | 10          |
| 4                                                                                   |    | AWG 22...12 |
|                                                                                     |    | / 3         |
|                                                                                     |    | A3 / V2     |
|  |    |             |
| 1000 / 1                                                                            |    |             |
| Rated connection                                                                    |    |             |
| 0.5...4 / 0.5...4                                                                   |    |             |
| 0.5...4 / 0.5...4                                                                   |    |             |
| 0.5...0.8 Nm (M 3)                                                                  |    |             |
| 9 / 0.6 x 3.5 mm                                                                    |    |             |
| Diode current: max 1A. (1 N 4007)                                                   |    |             |

| Type             | Qty. | Order No.  |
|------------------|------|------------|
| DK 4/35 1D A1    | 25   | 0538960000 |
| DK 4/35 1D A1 BL | 25   | 0538980000 |

| Type                    | current | Qty.  | Order No.  |
|-------------------------|---------|-------|------------|
| Q 2 AKZ4                | 32 A    | 50    | 0336400000 |
| Q 3 AKZ4                | 32 A    | 50    | 0336500000 |
| Q 4 AKZ4                | 32 A    | 50    | 0336600000 |
|                         |         |       |            |
| QB 2 WI RA6 IS          | 27 A    | 50    | 0482700000 |
| QB 3 WI RA6 IS          | 27 A    | 50    | 0482800000 |
| QB 4 WI RA6 IS          | 27 A    | 50    | 0482900000 |
|                         |         |       |            |
| VL 2 AKZ4/DK4           |         | 50    | 0446700000 |
| VH 10/4/2.8 AKZ4        |         | 50    | 0446600000 |
| BFSC M2.5X14 SAKD2.5N   |         | 100   | 0266800000 |
|                         |         |       |            |
|                         |         | Width |            |
| PS 2.3 RT               | 5.4 mm  | 20    | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50    | 0215700000 |
|                         |         |       |            |
| AP DK4                  | 1.5 mm  | 20    | 0359260000 |
|                         |         |       |            |
| TSCH 4 AKZ4             | 6 mm    | 100   | 0363360000 |

| Marking systems                                                                                    | (see assortment in catalogue 7) |
|----------------------------------------------------------------------------------------------------|---------------------------------|
|                                                                                                    | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

## Terminals with electronic components

With electronic components  
TS 35 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                     |                 |
|------------------------------------------------|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |
| Electronic fixtures                            |                 |
| Diode reverse voltage / Diode current          | A               |
| Operating voltage for display, min. / Current  | -/A             |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note                                           |                 |

## Ordering data

| Version |           |
|---------|-----------|
|         | Red LED   |
|         | Green LED |
| Note    |           |

## Accessories

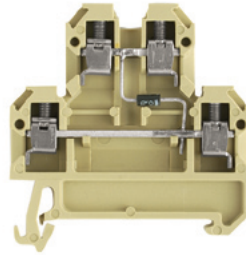
| Screwable cross-connection                                                          |        |
|-------------------------------------------------------------------------------------|--------|
|  | 2-pole |
|                                                                                     | 3-pole |
|                                                                                     | 4-pole |
| External cross-connection                                                           |        |
|                                                                                     | 2-pole |
|                                                                                     | 3-pole |
|                                                                                     | 4-pole |
| Switchable link                                                                     |        |
| Switchable link                                                                     |        |
| Connecting sleeve                                                                   |        |
| Mounting screw                                                                      |        |
| Testing / Checking                                                                  |        |
| Test plug                                                                           |        |
| Socket                                                                              |        |
| End plate / Partition plate                                                         |        |
| beige                                                                               |        |
| Small partition                                                                     |        |
| Small partition                                                                     |        |

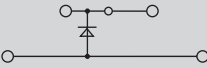
| Marking systems                                                                                    |  |
|----------------------------------------------------------------------------------------------------|--|
| (see assortment in catalogue 7)                                                                    |  |
| Marking tags                                                                                       |  |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |  |

## DK 4 D/3

4 mm<sup>2</sup>

## Suppressor circuit for contactor and solenoid valve (DC voltage)



|               |                                                                                   |
|---------------|-----------------------------------------------------------------------------------|
| 6 x 50 x 52.5 |  |
| 10 / 4        |                                                                                   |
| 0.33...4      |                                                                                   |

| IEC                                                                               | UL      | CSA |
|-----------------------------------------------------------------------------------|---------|-----|
| 380                                                                               |         | 300 |
| 10                                                                                |         | 10  |
| 4                                                                                 |         |     |
|                                                                                   | / 3     |     |
|                                                                                   | A3 / V2 |     |
|  |         |     |
| 1000 / 1                                                                          |         |     |
| Rated connection                                                                  |         |     |
| 0.5...4 / 0.5...4                                                                 |         |     |
| 0.5...4 / 0.5...4                                                                 |         |     |
| 0.5...0.8 Nm (M 3)                                                                |         |     |
| 9 / 0.6 x 3.5 mm                                                                  |         |     |
| Diode current: max 1A. (1 N 4007)                                                 |         |     |

| Type          | Qty. | Order No.  |
|---------------|------|------------|
| DK 4/35 1D A2 | 25   | 0538860000 |

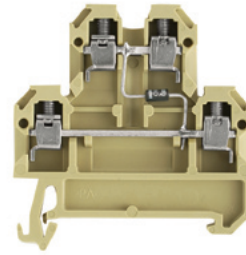
| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 AKZ4                | 32 A    | 50   | 0336400000 |
| Q 3 AKZ4                | 32 A    | 50   | 0336500000 |
| Q 4 AKZ4                | 32 A    | 50   | 0336600000 |
|                         |         |      |            |
| QB 2 WI RA6 IS          | 27 A    | 50   | 0482700000 |
| QB 3 WI RA6 IS          | 27 A    | 50   | 0482800000 |
| QB 4 WI RA6 IS          | 27 A    | 50   | 0482900000 |
|                         |         |      |            |
| VL 2 AKZ4/DK4           |         | 50   | 0446700000 |
| VH 10/4/2.8 AKZ4        |         | 50   | 0446600000 |
| BFSC M2.5X14 SAKD2.5N   |         | 100  | 0266800000 |
| Width                   |         |      |            |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | 0215700000 |
|                         |         |      |            |
| AP DK4                  | 1.5 mm  | 20   | 0359260000 |
|                         |         |      |            |
| TSCH 4 AKZ4             | 6 mm    | 100  | 0363360000 |

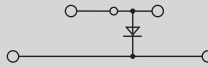
| Marking systems |  |
|-----------------|--|
| DEK 5/6         |  |

## DK 4 D/4

4 mm<sup>2</sup>

## Diode terminal for lamp test circuits



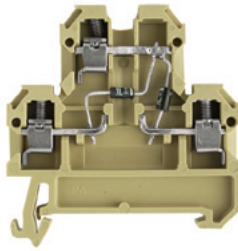
|               |                                                                                     |
|---------------|-------------------------------------------------------------------------------------|
| 6 x 50 x 52.5 |  |
| 10 / 4        |                                                                                     |
| 0.33...4      |                                                                                     |

| IEC                                                                                 | UL      | CSA |
|-------------------------------------------------------------------------------------|---------|-----|
| 380                                                                                 |         | 300 |
| 10                                                                                  |         | 10  |
| 4                                                                                   |         |     |
|                                                                                     | / 3     |     |
|                                                                                     | A3 / V2 |     |
|  |         |     |
| 1000 / 1                                                                            |         |     |
| Rated connection                                                                    |         |     |
| 0.5...4 / 0.5...4                                                                   |         |     |
| 0.5...4 / 0.5...4                                                                   |         |     |
| 0.5...0.8 Nm (M 3)                                                                  |         |     |
| 9 / 0.6 x 3.5 mm                                                                    |         |     |
| Diode current: max 1A. (1 N 4007)                                                   |         |     |

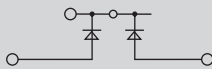
| Type                   | Qty. | Order No.  |
|------------------------|------|------------|
| DK 4/35 2D GET.SCH. A1 | 25   | 0396660000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 AKZ4                | 32 A    | 50   | 0336400000 |
| Q 3 AKZ4                | 32 A    | 50   | 0336500000 |
| Q 4 AKZ4                | 32 A    | 50   | 0336600000 |
|                         |         |      |            |
| QB 2 WI RA6 IS          | 27 A    | 50   | 0482700000 |
| QB 3 WI RA6 IS          | 27 A    | 50   | 0482800000 |
| QB 4 WI RA6 IS          | 27 A    | 50   | 0482900000 |
|                         |         |      |            |
| VL 2 AKZ4/DK4           | 32 A    | 50   | 0446700000 |
| VH 10/4/2.8 AKZ4        |         | 50   | 0446600000 |
| BFSC M2.5X14 SAKD2.5N   |         | 100  | 0266800000 |
| Width                   |         |      |            |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | 0215700000 |
|                         |         |      |            |
| AP DK4                  | 1.5 mm  | 20   | 0359260000 |
|                         |         |      |            |
| TSCH 4 AKZ4             | 6 mm    | 100  | 0363360000 |

| Marking systems |  |
|-----------------|--|
| DEK 5/6         |  |

**DK 4 D/5****4 mm<sup>2</sup>****Diode terminal for lamp test circuits**

6 x 50 x 52.5

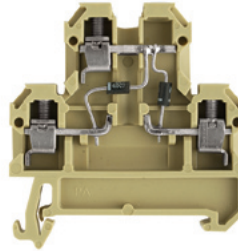
**10 / 4****0.33...4**

| IEC                               | UL | CSA |
|-----------------------------------|----|-----|
| 380                               |    | 300 |
| 10                                |    | 10  |
| 4                                 |    |     |
| / 3                               |    |     |
| A3 / V2                           |    |     |
| P3                                |    |     |
| 1000 / 1                          |    |     |
| Rated connection                  |    |     |
| 0.5...4 / 0.5...4                 |    |     |
| 0.5...4 / 0.5...4                 |    |     |
| 0.5...0.8 Nm (M 3)                |    |     |
| 9 / 0.6 x 3.5 mm                  |    |     |
| Diode current: max 1A. (1 N 4007) |    |     |

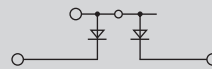
| Type                   | Qty. | Order No.         |
|------------------------|------|-------------------|
| DK 4/35 2D GET.SCH. A2 | 25   | <b>0396860000</b> |

| Type                    | current | Qty. | Order No.         |
|-------------------------|---------|------|-------------------|
| Q 2 AKZ4                | 32 A    | 50   | <b>0336400000</b> |
| Q 3 AKZ4                | 32 A    | 50   | <b>0336500000</b> |
| Q 4 AKZ4                | 32 A    | 50   | <b>0336600000</b> |
|                         |         |      |                   |
| QB 2 WI RA6 IS          | 27 A    | 50   | <b>0482700000</b> |
| QB 3 WI RA6 IS          | 27 A    | 50   | <b>0482800000</b> |
| QB 4 WI RA6 IS          | 27 A    | 50   | <b>0482900000</b> |
|                         |         |      |                   |
| VL 2 AKZ4/DK4           | 32 A    | 50   | <b>0446700000</b> |
| VH 10/4/2.8 AKZ4        |         | 50   | <b>0446600000</b> |
| BFSC M2.5X14 SAKD2.5N   |         | 100  | <b>0266800000</b> |
| Width                   |         |      |                   |
| PS 2.3 RT               | 5.4 mm  | 20   | <b>0180400000</b> |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | <b>0215700000</b> |
|                         |         |      |                   |
| AP DK4                  | 1.5 mm  | 20   | <b>0359260000</b> |
|                         |         |      |                   |
| TSCH 4 AKZ4             | 6 mm    | 100  | <b>0363360000</b> |

DEK 5/6

**DK 4 D/6****4 mm<sup>2</sup>****Diode terminal for lamp test circuits**

6 x 50 x 52.5

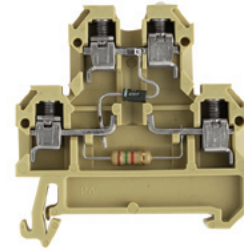
**10 / 4****0.33...4**

| IEC                               | UL | CSA |
|-----------------------------------|----|-----|
| 380                               |    | 300 |
| 10                                |    | 10  |
| 4                                 |    |     |
| / 3                               |    |     |
| A3 / V2                           |    |     |
| P3                                |    |     |
| 1000 / 1                          |    |     |
| Rated connection                  |    |     |
| 0.5...4 / 0.5...4                 |    |     |
| 0.5...4 / 0.5...4                 |    |     |
| 0.5...0.8 Nm (M 3)                |    |     |
| 9 / 0.6 x 3.5 mm                  |    |     |
| Diode current: max 1A. (1 N 4007) |    |     |

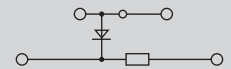
| Type                   | Qty. | Order No.         |
|------------------------|------|-------------------|
| DK 4/35 2D GET.SCH. A1 | 25   | <b>0396760000</b> |

| Type                    | current | Qty. | Order No.         |
|-------------------------|---------|------|-------------------|
| Q 2 AKZ4                | 32 A    | 50   | <b>0336400000</b> |
| Q 3 AKZ4                | 32 A    | 50   | <b>0336500000</b> |
| Q 4 AKZ4                | 32 A    | 50   | <b>0336600000</b> |
|                         |         |      |                   |
| QB 2 WI RA6 IS          | 27 A    | 50   | <b>0482700000</b> |
| QB 3 WI RA6 IS          | 27 A    | 50   | <b>0482800000</b> |
| QB 4 WI RA6 IS          | 27 A    | 50   | <b>0482900000</b> |
|                         |         |      |                   |
| VL 2 AKZ4/DK4           | 32 A    | 50   | <b>0446700000</b> |
| VH 10/4/2.8 AKZ4        |         | 50   | <b>0446600000</b> |
| BFSC M2.5X14 SAKD2.5N   |         | 100  | <b>0266800000</b> |
| Width                   |         |      |                   |
| PS 2.3 RT               | 5.4 mm  | 20   | <b>0180400000</b> |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | <b>0215700000</b> |
|                         |         |      |                   |
| AP DK4                  | 1.5 mm  | 20   | <b>0359260000</b> |
|                         |         |      |                   |
| TSCH 4 AKZ4             | 6 mm    | 100  | <b>0363360000</b> |

DEK 5/6

**DK 4 D/7****4 mm<sup>2</sup>****Diode terminal for lamp test circuits, with protective resistor**

6 x 50 x 52.5

**10 / 4****0.33...4**

| IEC                               | UL | CSA |
|-----------------------------------|----|-----|
| 24                                |    | 300 |
| 10                                |    | 10  |
| 4                                 |    |     |
| / 3                               |    |     |
| A3 / V2                           |    |     |
| P3                                |    |     |
| / 1                               |    |     |
| Rated connection                  |    |     |
| 0.5...4 / 0.5...4                 |    |     |
| 0.5...4 / 0.5...4                 |    |     |
| 0.5...0.8 Nm (M 3)                |    |     |
| 9 / 0.6 x 3.5 mm                  |    |     |
| Diode current: max 1A. (1 N 4007) |    |     |

| Type                   | Qty. | Order No.         |
|------------------------|------|-------------------|
| DK 4/35 1D 1K5 GET.SCH | 25   | <b>0396960000</b> |

| Type                    | current | Qty. | Order No.         |
|-------------------------|---------|------|-------------------|
| Q 2 AKZ4                | 32 A    | 50   | <b>0336400000</b> |
| Q 3 AKZ4                | 32 A    | 50   | <b>0336500000</b> |
| Q 4 AKZ4                | 32 A    | 50   | <b>0336600000</b> |
|                         |         |      |                   |
| QB 2 WI RA6 IS          | 27 A    | 50   | <b>0482700000</b> |
| QB 3 WI RA6 IS          | 27 A    | 50   | <b>0482800000</b> |
| QB 4 WI RA6 IS          | 27 A    | 50   | <b>0482900000</b> |
|                         |         |      |                   |
| VL 2 AKZ4/DK4           |         | 50   | <b>0446700000</b> |
| VH 10/4/2.8 AKZ4        |         | 50   | <b>0446600000</b> |
| BFSC M2.5X14 SAKD2.5N   |         | 100  | <b>0266800000</b> |
| Width                   |         |      |                   |
| PS 2.3 RT               | 5.4 mm  | 20   | <b>0180400000</b> |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | <b>0215700000</b> |
|                         |         |      |                   |
| AP DK4                  | 1.5 mm  | 20   | <b>0359260000</b> |
|                         |         |      |                   |
| TSCH 4 AKZ4             | 6 mm    | 100  | <b>0363360000</b> |

DEK 5/6

## Terminals with electronic components

With electronic components  
TS 35 / PA

In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

## Technical data

| Rated data                                     |                 |
|------------------------------------------------|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |
| Electronic fixtures                            |                 |
| Diode reverse voltage / Diode current          | -               |
| Operating voltage for display, min. / Current  | -/A             |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note                                           |                 |

## Ordering data

| Version |         |
|---------|---------|
|         | Red LED |
| Note    |         |

## Accessories

| Screwable cross-connection                                                          |                  |
|-------------------------------------------------------------------------------------|------------------|
|  | 2-pole           |
|                                                                                     | 3-pole           |
|                                                                                     | 4-pole           |
|                                                                                     | 10-pole          |
| External cross-connection                                                           |                  |
|                                                                                     | 2-pole           |
|                                                                                     | 3-pole           |
|                                                                                     | 4-pole           |
| Switchable link                                                                     |                  |
| Switchable link                                                                     |                  |
| Connecting sleeve                                                                   |                  |
| Mounting screw                                                                      |                  |
| Testing / Checking                                                                  |                  |
| Test plug                                                                           |                  |
| Socket                                                                              |                  |
| End plate / Partition plate                                                         |                  |
|                                                                                     | beige            |
| End bracket                                                                         |                  |
|                                                                                     | Dark beige Wemid |

| Marking systems                                                                                    | (see assortment in catalogue 7) |
|----------------------------------------------------------------------------------------------------|---------------------------------|
|                                                                                                    | Marking tags                    |
| For detailed information on other accessories and applications, refer to the „Accessories“ section |                                 |

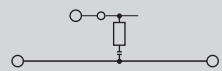
## DK 4 RC

4 mm<sup>2</sup>

## Terminal with RC combination



18 x 50 x 52.5  
/ 4  
0.33...4



| IEC                | UL | CSA |
|--------------------|----|-----|
| 230                |    |     |
| 10                 |    |     |
| 4                  |    |     |
|                    |    |     |
|                    |    |     |
|                    |    |     |
|                    |    |     |
| Rated connection   |    |     |
| 0.5...4 / 0.5...4  |    |     |
| 0.5...4 / 0.5...4  |    |     |
| 0.5...0.8 Nm (M 3) |    |     |
| 9 / 0.6 x 3.5 mm   |    |     |

| Type                 | Qty. | Order No.  |
|----------------------|------|------------|
| DK 4/35 RC 220R/220N | 5    | 0053160000 |

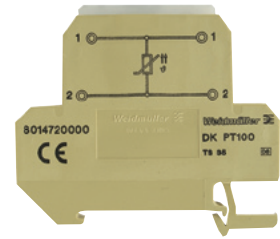
| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 AKZ4                | 32 A    | 50   | 0336400000 |
| Q 3 AKZ4                | 32 A    | 50   | 0336500000 |
| Q 4 AKZ4                | 32 A    | 50   | 0336600000 |
| Q 10 AKZ4               | 32 A    | 20   | 0368600000 |
| Width                   |         |      |            |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | 0215700000 |
| Width                   |         |      |            |
| AP DK4                  | 1.5 mm  | 20   | 0359260000 |
| EW 35                   | 8.5 mm  | 50   | 0383560000 |

|                                 |
|---------------------------------|
| DEK 6                           |
| End plate<br>AP DK4: 0359260000 |

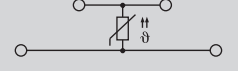
## DK 4 PT 100

4 mm<sup>2</sup>

## Diode terminal for central control and communication system



6 x 65 x 53.5  
10 / 4  
0.33...4



| IEC                  | UL      | CSA |
|----------------------|---------|-----|
| 400                  |         |     |
| 10                   |         |     |
| 4                    |         |     |
|                      | / 3     |     |
|                      | A3 / V2 |     |
| Rated connection     |         |     |
| 0.5...4 / 0.5...4    |         |     |
| 0.5...4 / 0.5...2.5  |         |     |
| 0.4...0.7 Nm (M 2.5) |         |     |
| 6 / 0.6 x 3.5 mm     |         |     |

| Type           | Qty. | Order No.  |
|----------------|------|------------|
| DKT 4/35 PT100 | 10   | 8014720000 |

| Type                    | current | Qty. | Order No.  |
|-------------------------|---------|------|------------|
| Q 2 AKZ4                | 32 A    | 50   | 0336400000 |
| Q 3 AKZ4                | 32 A    | 50   | 0336500000 |
| Q 4 AKZ4                | 32 A    | 50   | 0336600000 |
| Width                   |         |      |            |
| QB 2 WI RA6 IS          | 27 A    | 50   | 0482700000 |
| QB 3 WI RA6 IS          | 27 A    | 50   | 0482800000 |
| QB 4 WI RA6 IS          | 27 A    | 50   | 0482900000 |
| Width                   |         |      |            |
| PS 2.3 RT               | 5.4 mm  | 20   | 0180400000 |
| STB 8.5/D4/2.3/M2.5 AKZ |         | 50   | 0215700000 |
| Width                   |         |      |            |
| AP DKT4 PA              | 1.5 mm  | 20   | 0687560000 |

|         |
|---------|
| DEK 5/6 |
|---------|

## SAKT E/35

6 mm<sup>2</sup>

neon lamp



In hazardous area applications, the installation instructions and the rated data specifications for accessories given in the technical appendix must be followed.

|                                         |                   |
|-----------------------------------------|-------------------|
| Width/Length/height with TS35x7.5       | mm                |
| max. current / max. cond. cross-section | A/mm <sup>2</sup> |
| Max. clamping range                     | mm <sup>2</sup>   |

16 x 65 x 52.5

27 / 10

0.5...10

## Technical data

| Rated data                                     |                 |
|------------------------------------------------|-----------------|
| Rated voltage                                  | V               |
| Rated current                                  | A               |
| Rated cross-section                            | mm <sup>2</sup> |
| Rated impulse voltage / Pollution severity     | kV/-            |
| Gauge to IEC 60947-1 / UL94 Flammability class |                 |
| Approvals                                      |                 |
| Clamped conductors (H05V/H07V)                 |                 |
| solid / stranded                               | mm <sup>2</sup> |
| flexible / Stranded wire with end ferrules     | mm <sup>2</sup> |
| Tightening torque range (clamping screw)       |                 |
| Stripping length / Blade size                  | mm/-            |
| Note                                           |                 |

| IEC | UL       | CSA |
|-----|----------|-----|
| 115 |          |     |
| 27  |          |     |
| 6   |          |     |
|     | / 3      |     |
|     | A5 / 5VA |     |

| Rated connection     |  |
|----------------------|--|
| 0.5...10             |  |
| 0.5...6 / 0.5...6    |  |
| 0.8...1.6 Nm (M 3.5) |  |
| 12 / 4.0 x 0.8 mm    |  |

## Ordering data

| Version     |  |
|-------------|--|
| 20...30 V~  |  |
| 40...60V~   |  |
| 80...120 V~ |  |
| 115 V~      |  |
| 230 V~      |  |
| Note        |  |

| Type                 | Qty. | Order No.  |
|----------------------|------|------------|
| SAKT E/35 2LD 30VAC  | 5    | 1166820000 |
| SAKT E/35 2LD 60VAC  | 5    | 0197920000 |
| SAKT E/35 2LD 120VAC | 5    | 0198220000 |
| SAKT E/35 2GL 115VAC | 5    | 0198020000 |
| SAKT E/35 2GL 230VAC | 5    | 0198120000 |

## Accessories

| End bracket      |  |
|------------------|--|
| Dark beige Wemid |  |

| Type  | Width  | Qty. | Order No.  |
|-------|--------|------|------------|
| EW 35 | 8.5 mm | 50   | 0383560000 |

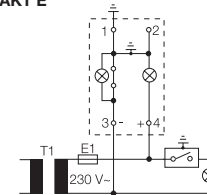
(see assortment in catalogue 7)

For detailed information on other accessories and applications, refer to the „Accessories“ section

To safe the test sockets use the SD-blade or bits with pilots!

## Operating mode

SAKT E

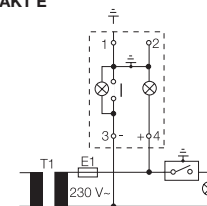


- Slide link is closed
- Auxiliary circuit is **earthed**
- Display is illuminated green

## Test position

When measuring insulation resistance with voltages greater than UNom, the earth connection must first be disconnected.

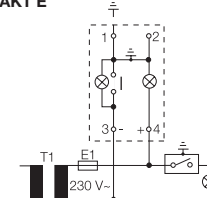
SAKT E



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **No** earth fault
- Display illuminated green and red with reduced intensity
- Disconnected earth connection -> When measuring insulation resistance with voltages greater than UNom, the earth connection must be disconnected.

## Operational malfunction

SAKT E



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **Earth fault**
- Display is illuminated red

