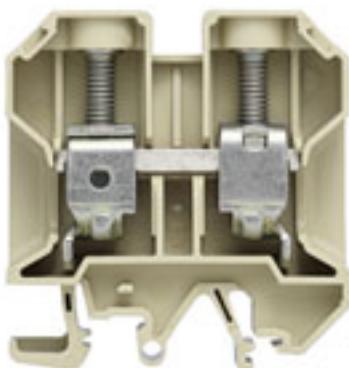


SAK 35/EN

Weidmüller Interface GmbH & Co. KG
Klingenbergsstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Product image



To feed through power, signal, and data is the classical requirement in electrical engineering and panel building. The insulating material, the connection system and the design of the terminal blocks are the differentiating features. A feed-through terminal block is suitable for joining and/or connecting one or more conductors. They could have one or more connection levels that are on the same potential or insulated against one another.

General ordering data

Version	Feed-through terminal block, Screw connection, beige / yellow, 35 mm ² , 125 A, 800 V, Number of connections: 2
Order No.	0339860000
Type	SAK 35/EN
GTIN (EAN)	4008190076573
Qty.	20 pc(s).
Delivery status	Discontinued
Available until	2022-03-30
Alternative product	1020500000

Creation date May 23, 2025 3:55:41 AM CEST

Catalogue status 10.05.2025 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Depth	63.5 mm	Depth (inches)	2.5 inch
Height	58 mm	Height (inches)	2.283 inch
Width	18 mm	Width (inches)	0.709 inch
Net weight	53 g		

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	100 °C

Material data

Material	PA 66	Colour	beige / yellow
UL 94 flammability rating	V-2		

Rating data IECEx/ATEX

Marking EN 60079-7	Ex eb II C Gb	Ex 2014/34/EU label	II 2 G D
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System specifications

Version	Screw connection, for screwable cross-connection, One end without connector	End cover plate required
Number of potentials	1	Yes
Number of clamping points per level	2	
Levels cross-connected internally	No	
Rail	TS 35, TS 32	
PE function	No	

Additional technical data

Explosion-tested version	No	Number of similar terminals	1
Type of mounting	Snap-on		

CSA rating data

Certificate No. (CSA)	154685-1501714	Current size C (CSA)	120 A
Voltage size C (CSA)	600 V	Wire cross section max. (CSA)	2 AWG
Wire cross section min. (CSA)	12 AWG		

Technical data**Conductors for clamping (rated connection)**

Blade size	6.5 x 1.2 mm	Clamping range, max.	50 mm ²
Clamping range, min.	2.5 mm ²	Clamping screw	M 6
Connection cross-section, stranded, max.	50 mm ²	Connection cross-section, stranded, min.	4 mm ²
Connection direction	on side	Gauge to IEC 60947-1	B8
Number of connections	2	Stripping length	18 mm
Tightening torque, max.	5 Nm	Tightening torque, min.	4 Nm
Twin wire-end ferrules, max.	16 mm ²	Twin wire-end ferrules, min.	1.5 mm ²
Type of connection	Screw connection	Wire connection cross section AWG, max.	AWG 2
Wire connection cross section AWG, min.	AWG 12	Wire connection cross section, finely stranded, max.	35 mm ²
Wire connection cross section, finely stranded, min.	2.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	35 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	2.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	35 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	2.5 mm ²	Wire connection cross-section, solid core, max.	16 mm ²
Wire connection cross-section, solid core, min.	2.5 mm ²		

General

Rail	TS 35, TS 32	Standards	IEC 60947-7-1
Wire connection cross section AWG, max.	AWG 2	Wire connection cross section AWG, min.	AWG 12

Rating data

Rated cross-section	35 mm ²	Rated voltage	800 V
Rated DC voltage	800 V	Rated current	125 A
Current at maximum wires	150 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	0.26 mΩ	Rated impulse withstand voltage	8 kV
Power loss in accordance with IEC 60947-7-x	4 W	Pollution severity	3

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	2 AWG
Conductor size Factory wiring min. (UR)	12 AWG	Conductor size Field wiring max. (UR)	2 AWG
Conductor size Field wiring min. (UR)	12 AWG	Current size C (UR)	115 A
Voltage size C (UR)	600 V		

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 9.0	27-14-11-20
ECLASS 9.1	27-14-11-20	ECLASS 10.0	27-14-11-20
ECLASS 11.0	27-14-11-20	ECLASS 12.0	27-14-11-20
ECLASS 13.0	27-25-01-01	ECLASS 14.0	27-25-01-01
ECLASS 15.0	27-25-01-01		

SAK 35/EN

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Technical data**Environmental Product Compliance**

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319226/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319242/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319244/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319262/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E60693

Downloads

Approval/Certificate/Document of Conformity	INMETRO certificate Declaration of Conformity UKCA declaration of conformity
Engineering Data	CAD data – 10556_SAK_35-EN_DXF.dxf CAD data – STEP
User Documentation	Storage Conditions Terminal Blocks
Catalogues	Catalogues in PDF-format

Accessories

Plus



The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.

Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	DEK 5/8 PLUS MC NE WS	Version
Order No.	1046350000	Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00
GTIN (EAN)	4032248782055	Weidmüller, white
Qty.	800 pc(s).	

Connection sleeves



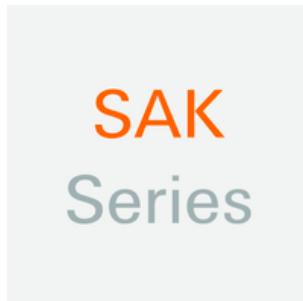
General ordering data

Type	VH 17/8.2/5.2	Version
Order No.	0267000000	Connecting sleeve (terminal), when screwed in, Width: 8 mm, Height:
GTIN (EAN)	4008190146986	8 mm, Depth: 17 mm, Number of poles: 1, Cu Zn
Qty.	50 pc(s).	

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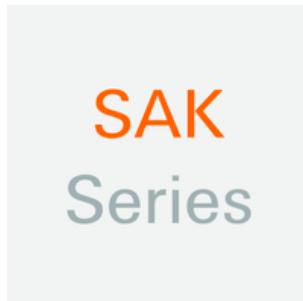
www.weidmueller.com

Accessories**SAK-Series**

A partition plate is used for the optical separation of circuits or used for electrical isolation from neighbouring cross-connectors. In contrast to the end plate, the contour can be larger than the adjacent terminal blocks. However, it should not be smaller, as otherwise the required clearance and creepage distances within the application can no longer be maintained.

General ordering data

Type	TW SAK35	Version
Order No.	0304360000	Partition plate (terminal), beige, Height: 74 mm, Width: 1.5 mm, V-2,
GTIN (EAN)	4008190038885	PA 66
Qty.	20 pc(s).	

SAK-Series

Warning covers with a flash symbol provide more safety for man and machine. They are used where external voltage must be indicated within the application.

General ordering data

Type	AD 4 SAK35	Version
Order No.	0178700000	Terminal cover, yellow, PVC, Height: 37 mm, Width: 71.6 mm, Depth:
GTIN (EAN)	4008190056414	1 mm, V-2
Qty.	50 pc(s).	

SAK 35/EN

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Accessories

Marker holder

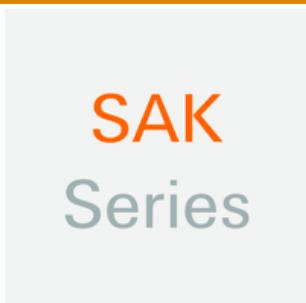


The marker holder offer the possibility of additional mounting of standard markers with a pitch of 5 or 5.1 mm. The angled holders can be optionally snaped together and could be mounted in all standard marking channels of the Klippon® Connect modular terminal blocks. Fitting marker types could be found under the respective accessories of the designation marking holder.

General ordering data

Type	BZT 1 WS 10/5	Version
Order No.	1805490000	Accessories, Marker holder
GTIN (EAN)	4032248270231	
Qty.	100 pc(s).	
Type	BZT 1 ZA WS 10/5	Version
Order No.	1805520000	Accessories, Marker holder
GTIN (EAN)	4032248270248	
Qty.	100 pc(s).	

SAK-Series



End plates are fitted to the open side of the last modular terminal before the end bracket. The use of an end plate ensures the function of the modular terminal and the specified rated voltage. It guarantees protection against contact with live parts and makes the final terminal finger-proof.

General ordering data

Type	AP SAK35/TW SAK16 BL	Version
Order No.	0303680000	End plate for terminals, blue, Height: 58 mm, Width: 1.5 mm, V-2, PA
GTIN (EAN)	4008190025199	66, Snap-on: Yes
Qty.	10 pc(s).	
Type	AP SAK35/TW SAK16	Version
Order No.	0303660000	End plate for terminals, beige, Height: 58 mm, Width: 1.5 mm, V-2, PA
GTIN (EAN)	4008190110765	66, Snap-on: Yes
Qty.	10 pc(s).	

Accessories

Blank



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Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

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General ordering data

Type	DEK 5/6 MC NE WS	Version
Order No.	1609820000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4008190203436	Weidmüller, white
Qty.	1,000 pc(s).	

Custom printing



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General ordering data

Type	DEK 5/5 MC SDR	Version
Order No.	1609810000	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190456597	Weidmüller, To customer specification
Qty.	200 pc(s).	

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Accessories

Test plugs

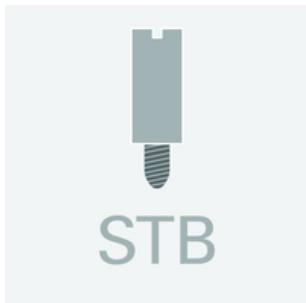


Test adapters and test plugs are used for the electrical connection between terminal blocks and the test equipment. In this way, an electrical contact can be established in the wired state and measurements can be done easily.

General ordering data

Type	PS 4 F.STB 4	Version
Order No.	0299600000	Test adapter (terminal), 230 V
GTIN (EAN)	4008190074043	
Qty.	20 pc(s).	

Testsockets



Test adapters and test plugs are used for the electrical connection between terminal blocks and the test equipment. In this way, an electrical contact can be established in the wired state and measurements can be done easily.

General ordering data

Type	STB 16/D7/4/M4 SAK35	Version
Order No.	0140200000	SAK Series, Socket
GTIN (EAN)	4008190134884	
Qty.	50 pc(s).	

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Accessories

DEK 5/8



WS/ DEK

MultiMark terminal markers use an innovative composite material made from two components. The hard base contour of the marker snaps securely into the connector. The elastic surface finish makes the marker easy to mount. This specially punched material enables the strips to be stretched to accommodate the slight variations in spacing that tend to add up, especially with long terminal blocks. Another advantage: the excellent printability of the surface material guarantees durable and wear-resistant labelling. A print resolution of 300 dpi also produces a very legible script.

Your benefits with MultiMark

- Firm hold and durable printing
- Continuous strips save installation time
- Easy mounting thanks to an innovative composite material
- Large label field for optimal legibility
- High flexibility thanks to manufacturer independence

General ordering data

Type	DEK 5/8 MM WS	Version
Order No.	2007130000	Dekafix, Terminal marker, 5 x 8 mm, Weidmüller, white
GTIN (EAN)	4050118392012	
Qty.	500 pc(s).	

SAK 35/EN

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Accessories

Blank



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General ordering data

Type	DEK 5/8 MC NE WS	Version
Order No.	1856740000	Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00
GTIN (EAN)	4032248400850	Weidmüller, white
Qty.	800 pc(s).	

Screws



Depending on the terminal block or also accessories, we offer different types of screws as additional items or also spare parts.

General ordering data

Type	BFSC M4X30	Version
Order No.	0267100000	Mounting screw (Terminal), 4.00 mm, Steel, Depth: 7 mm, Width: 7
GTIN (EAN)	4008190187897	mm, Height: 30 mm
Qty.	50 pc(s).	
Type	BFSC M4X32 PA/NA	Version
Order No.	0129100000	Mounting screw (Terminal), 4.00 mm, Polyamide 66, Depth: 7 mm,
GTIN (EAN)	4008190020842	Width: 7 mm, Height: 32 mm
Qty.	100 pc(s).	

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Accessories

QL / SAK 35

Screwable cross-connections are easy to mount and de mount. Thanks to the big contact surface, even high currents can be transmitted with maximum contact reliability.



General ordering data

Type	QL 2 SAK35	Version
Order No.	0123600000	Cross-connector (terminal), when screwed in, grey, 99 A, Number of
GTIN (EAN)	4008190092566	poles: 2, Pitch in mm (P): 8.00, Insulated: No, Width: 27.8 mm
Qty.	20 pc(s).	
Type	QL 10 SAK35	Version
Order No.	0338600000	Cross-connector (terminal), when screwed in, grey, 99 A, Number of
GTIN (EAN)	4008190106133	poles: 10, Pitch in mm (P): 18.00, Insulated: No, Width: 171.4 mm
Qty.	20 pc(s).	
Type	QL 4 SAK35	Version
Order No.	0123800000	Cross-connector (terminal), when screwed in, grey, 99 A, Number of
GTIN (EAN)	4008190165390	poles: 4, Pitch in mm (P): 8.00, Insulated: No, Width: 63.8 mm
Qty.	20 pc(s).	
Type	QL 3 SAK35	Version
Order No.	0123700000	Cross-connector (terminal), when screwed in, grey, 99 A, Number of
GTIN (EAN)	4008190182526	poles: 3, Pitch in mm (P): 18.00, Insulated: No, Width: 45.8 mm
Qty.	20 pc(s).	

Accessories

Blank



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General ordering data

Type	DEK 5/5 MC NE WS	Version
Order No.	1609801044	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190397111	Weidmueller, white
Qty.	1,000 pc(s).	

Custom printing



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General ordering data

Type	DEK 5/6 MC SDR	Version
Order No.	1609830000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4008190456603	Weidmueller, To customer specification
Qty.	200 pc(s).	

Accessories

Custom printing



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General ordering data

Type	DEK 5/8 PLUS MC SDR	Version
Order No.	1046370000	Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00
GTIN (EAN)	4032248782079	Weidmüller, To customer specification
Qty.	160 pc(s).	
Type	DEK 5/8 MC SDR	Version
Order No.	1856750000	Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00
GTIN (EAN)	4032248400867	Weidmüller, To customer specification
Qty.	160 pc(s).	

SAK 35/EN

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Accessories

DEK 5/6



WS/ DEK

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- Easy mounting thanks to an innovative composite material
- Large label field for optimal legibility
- High flexibility thanks to manufacturer independence

General ordering data

Type	DEK 5/6 MM WS	Version
Order No.	2007120000	Dekafix, Terminal marker, 5 x 6 mm, Weidmüller, white
GTIN (EAN)	4050118392104	
Qty.	600 pc(s).	