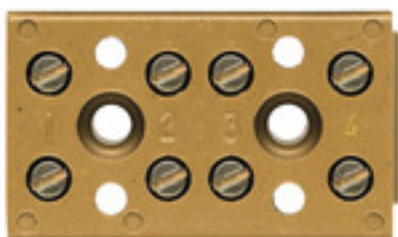


**BK 4 CRN****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image**

Multi-pole terminal strips are suitable for wiring in junction boxes and small distribution boxes. The different numbers of poles offer the possibilities of direct mounting inside the housings.

**General ordering data**

|            |                                                                                                                                                        |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Version    | Single- and multi-pole terminal strip, Screw connection, medium yellow, 4 mm <sup>2</sup> , 32 A, 400 V, Number of connections: 8, Number of levels: 1 |
| Order No.  | <a href="#">0625120000</a>                                                                                                                             |
| Type       | BK 4 CRN                                                                                                                                               |
| GTIN (EAN) | 4008190013875                                                                                                                                          |
| Qty.       | 100 pc(s).                                                                                                                                             |

Creation date May 6, 2025 5:11:18 AM CEST

Catalogue status 26.04.2025 / We reserve the right to make technical changes.

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**Technical data****Dimensions and weights**

|            |        |                 |            |
|------------|--------|-----------------|------------|
| Depth      | 20 mm  | Depth (inches)  | 0.787 inch |
| Height     | 22 mm  | Height (inches) | 0.866 inch |
| Width      | 38 mm  | Width (inches)  | 1.496 inch |
| Net weight | 27.2 g |                 |            |

**Temperatures**

|                                  |                |                                  |               |
|----------------------------------|----------------|----------------------------------|---------------|
| Storage temperature              | -25 °C...55 °C | Ambient temperature              | -5 °C...40 °C |
| Continuous operating temp., min. | -60 °C         | Continuous operating temp., max. | 130 °C        |

**Material data**

|                           |          |        |               |
|---------------------------|----------|--------|---------------|
| Material                  | KrG      | Colour | medium yellow |
| UL 94 flammability rating | V-0, 5VA |        |               |

**System specifications**

|                      |                        |                          |    |
|----------------------|------------------------|--------------------------|----|
| Version              | For the mounting rails | End cover plate required | No |
| Number of potentials | 1                      | Number of levels         | 1  |
| Rail                 | Mounting plate         |                          |    |

**Additional technical data**

|                          |                 |                     |                 |
|--------------------------|-----------------|---------------------|-----------------|
| Explosion-tested version | No              | Installation advice | Direct mounting |
| Type of mounting         | Direct mounting |                     |                 |

**CSA rating data**

|                               |                |                               |        |
|-------------------------------|----------------|-------------------------------|--------|
| Certificate No. (CSA)         | 200039-2165696 | Current size B (CSA)          | 10 A   |
| Current size D (CSA)          | 10 A           | Voltage size B (CSA)          | 300 V  |
| Voltage size D (CSA)          | 300 V          | Wire cross section max. (CSA) | 12 AWG |
| Wire cross section min. (CSA) | 22 AWG         |                               |        |

**Conductors for clamping (additional connection)**

|                                        |                  |
|----------------------------------------|------------------|
| Connection type, additional connection | Screw connection |
|----------------------------------------|------------------|

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

|                                                                                         |                      |                                                                                         |                     |
|-----------------------------------------------------------------------------------------|----------------------|-----------------------------------------------------------------------------------------|---------------------|
| Blade size                                                                              | 4.0 x 0.8 mm         | Clamping range, max.                                                                    | 4 mm <sup>2</sup>   |
| Clamping range, min.                                                                    | 0.33 mm <sup>2</sup> | Clamping screw                                                                          | M 3                 |
| Connection cross-section, stranded, max.                                                | 4 mm <sup>2</sup>    | Connection cross-section, stranded, min.                                                | 1.5 mm <sup>2</sup> |
| Connection direction                                                                    | on side              | Gauge to IEC 60947-1                                                                    | A3                  |
| Number of connections                                                                   | 8                    | Stripping length                                                                        | 8 mm                |
| Tightening torque, max.                                                                 | 0.6 Nm               | Tightening torque, min.                                                                 | 0.5 Nm              |
| Torque level with DMS electric screw-driver                                             | 2                    | Type of connection                                                                      | Screw connection    |
| Type of connection 2                                                                    | Screw connection     | Wire connection cross section AWG, max.                                                 | AWG 12              |
| Wire connection cross section AWG, min.                                                 | AWG 22               | Wire connection cross section, finely stranded, max.                                    | 4 mm <sup>2</sup>   |
| Wire connection cross section, finely stranded, min.                                    | 0.5 mm <sup>2</sup>  | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 4 mm <sup>2</sup>   |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.5 mm <sup>2</sup>  | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 4 mm <sup>2</sup>   |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.5 mm <sup>2</sup>  | Wire connection cross-section, solid core, max.                                         | 4 mm <sup>2</sup>   |
| Wire connection cross-section, solid core, min.                                         | 0.5 mm <sup>2</sup>  |                                                                                         |                     |

**Dimensions**

|                  |       |
|------------------|-------|
| Fixing dimension | 10 mm |
|------------------|-------|

**General**

|                                         |                 |                                         |               |
|-----------------------------------------|-----------------|-----------------------------------------|---------------|
| Installation advice                     | Direct mounting | Number of poles                         | 4             |
| Rail                                    | Mounting plate  | Standards                               | IEC 60947-7-1 |
| Wire connection cross section AWG, max. | AWG 12          | Wire connection cross section AWG, min. | AWG 22        |

**Rating data**

|                                              |                   |                                 |               |
|----------------------------------------------|-------------------|---------------------------------|---------------|
| Rated cross-section                          | 4 mm <sup>2</sup> | Rated voltage                   | 400 V         |
| Rated DC voltage                             | 400 V             | Rated current                   | 32 A          |
| Current at maximum wires                     | 32 A              | Standards                       | IEC 60947-7-1 |
| Volume resistance according to IEC 60947-7-x | 1 mΩ              | Rated impulse withstand voltage | 6 kV          |
| Power loss in accordance with IEC 60947-7-x  | 1.02 W            | Pollution severity              | 3             |

**UL rating data**

|                                         |        |                                         |        |
|-----------------------------------------|--------|-----------------------------------------|--------|
| Certificate No. (UR)                    | E60693 | Conductor size Factory wiring max. (UR) | 12 AWG |
| Conductor size Factory wiring min. (UR) | 26 AWG | Conductor size Field wiring max. (UR)   | 12 AWG |
| Conductor size Field wiring min. (UR)   | 22 AWG | Current size B (UR)                     | 20 A   |
| Current size C (UR)                     | 20 A   | Current size D (UR)                     | 10 A   |
| Voltage size B (UR)                     | 250 V  | Voltage size C (UR)                     | 150 V  |
| Voltage size D (UR)                     | 300 V  |                                         |        |

## BK 4 CRN

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## Technical data

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC001284    | ETIM 7.0    | EC001284    |
| ETIM 8.0    | EC001284    | ETIM 9.0    | EC001284    |
| ETIM 10.0   | EC001284    | ECLASS 9.0  | 27-14-11-06 |
| ECLASS 9.1  | 27-14-11-06 | ECLASS 10.0 | 27-14-11-06 |
| ECLASS 11.0 | 27-14-11-06 | ECLASS 12.0 | 27-14-11-06 |
| ECLASS 13.0 | 27-14-11-06 | ECLASS 14.0 | 27-14-11-06 |
| ECLASS 15.0 | 27-14-11-06 |             |             |

## 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_319222/-T1z1mm-S800/) [https://mdcop.weidmueller.com/mediadelivery/rendition/900\\_319226/-T1z1mm-S800/](https://mdcop.weidmueller.com/mediadelivery/rendition/900_319226/-T1z1mm-S800/) [https://mdcop.weidmueller.com/mediadelivery/rendition/900\\_319256/-T1z1mm-S800/](https://mdcop.weidmueller.com/mediadelivery/rendition/900_319256/-T1z1mm-S800/) [https://mdcop.weidmueller.com/mediadelivery/rendition/900\\_319262/-T1z1mm-S800/](https://mdcop.weidmueller.com/mediadelivery/rendition/900_319262/-T1z1mm-S800/) [https://mdcop.weidmueller.com/mediadelivery/rendition/900\\_319260/-T1z1mm-S800/](https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/)

|                       |            |
|-----------------------|------------|
| ROHS                  | Conform    |
| UL File Number Search | UL Website |
| Certificate No. (UR)  | E60693     |

## Downloads

|                                             |                                                                                             |
|---------------------------------------------|---------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">Declaration of Conformity</a><br><a href="#">UKCA declaration of conformity</a> |
| Engineering Data                            | <a href="#">CAD data – STEP</a>                                                             |
| User Documentation                          | <a href="#">StorageConditionsTerminalBlocks</a>                                             |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>                                                    |
| Brochures                                   |                                                                                             |

## BK 4 CRN

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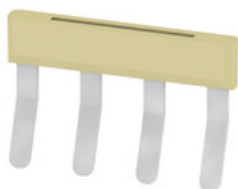
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## Accessories

## QB MK



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       | QB 2 BK                    | Version                                                               |
|------------|----------------------------|-----------------------------------------------------------------------|
| Order No.  | <a href="#">3833900000</a> | Cross-connector (terminal), Plugged, black, 32 A, Number of poles: 2, |
| GTIN (EAN) | 4008190542559              | Pitch in mm (P): 6.80, Insulated: Yes, Width: 11.3 mm                 |
| Qty.       | 20 pc(s).                  |                                                                       |