

**MK 3/2/E****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, 2.5 mm <sup>2</sup> , 400 V, 24 A, Number of poles: 2, 17.4 mm, medium yellow |
| Order No.  | <a href="#">7906110000</a>   |
| Type       | MK 3/2/E   |
| GTIN (EAN) | 4008190576318  |
| Qty.       | 100 pc(s).   |

## MK 3/2/E

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Depth      | 16.1 mm | Depth (inches)  | 0.634 inch |
| Height     | 15 mm   | Height (inches) | 0.591 inch |
| Width      | 17.4 mm | Width (inches)  | 0.685 inch |
| Net weight | 7.28 g  |                 |            |

## Temperatures

|                                  |                |                                  |   |
|----------------------------------|----------------|----------------------------------|---|
| Storage temperature              |                | Operating temperature range      | For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity |
|                                  | -25 °C...55 °C |                                  |   |
| Continuous operating temp., min. | -60 °C         | Continuous operating temp., max. | 130 °C  |

## Material data

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

## Rating data IECEx/ATEX

|                                |   |                                 |                   |
|--------------------------------|---|---------------------------------|-------------------|
| Certificate No. (ATEX)         | TUEV18ATEX8209U   | Certificate No. (IECEX)         | IECEXTUR18.0019U  |
| Max. voltage (ATEX)            | 275 V   | Current (ATEX)                  | 24 A              |
| Wire cross section max. (ATEX) | 4 mm <sup>2</sup>   | Max. voltage (IECEX)            | 275 V             |
| Current (IECEX)                | 24 A  | Wire cross section max. (IECEX) | 4 mm <sup>2</sup> |
| Operating temperature range    | For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity | Marking EN 60079-7              |                   |
|                                |   |                                 | Ex eb II C Gb     |
| Ex 2014/34/EU label            | II 2 G D  |                                 |                   |

## System specifications

|         |                        |                          |    |
|---------|------------------------|--------------------------|----|
| Version | For the mounting rails | End cover plate required | No |
|---------|------------------------|--------------------------|----|

## Additional technical data

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

## CSA rating data

|                               |           |                               |        |
|-------------------------------|-----------|-------------------------------|--------|
| Certificate No. (CSA)         | 12400-149 | Current size C (CSA)          | 25 A   |
| Voltage size C (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 |
|--|------------------|

## MK 3/2/E

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Conductors for clamping (rated connection)

|   |                      |   |                     |
|---|----------------------|---|---------------------|
| Blade size  | 0.6 x 3.5 mm         | Clamping range, max.  | 4 mm <sup>2</sup>   |
| Clamping range, min.  | 0.33 mm <sup>2</sup> | Clamping screw  | M 2.5               |
| Connection cross-section, stranded, max.  | 2.5 mm <sup>2</sup>  | Connection cross-section, stranded, min.  | 1.5 mm <sup>2</sup> |
| Connection direction  | on side              | Gauge to IEC 60947-1  | A2                  |
| Number of connections   | 4                    | Stripping length  | 5 mm                |
| Tightening torque, max.   | 0.45 Nm              | Tightening torque, min.   | 0.4 Nm              |
| Torque level with DMS electric screwdriver  | 1                    | Type of connection  | 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.                                    | 2.5 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. | 1.5 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. | 1.5 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> |

## General

|   |                 |   |        |
|---|-----------------|---|--------|
| Installation advice                     | Direct mounting | Number of poles                         | 2      |
| 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                          | 2.5 mm <sup>2</sup> | Rated voltage                   | 400 V         |
| Rated DC voltage                             | 400 V               | Rated current                   | 24 A          |
| Current at maximum wires                     | 24 A                | Standards                       | IEC 60947-7-1 |
| Volume resistance according to IEC 60947-7-x | 1.33 mΩ             | Rated impulse withstand voltage | 6 kV          |
| Power loss in accordance with IEC 60947-7-x  | 0.77 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) | 22 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 D (UR)                     | 5 A    | Voltage size B (UR)                     | 300 V  |
| Voltage size D (UR)                     | 600 V  |   |        |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC001284    | ETIM 7.0    | EC001284    |
| ETIM 8.0    | EC001284    | ETIM 9.0    | 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 |

## MK 3/2/E

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

## Technical data

## Environmental Product Compliance

REACH SVHC

/

## Approvals

Approvals



ROHS Conform

UL File Number Search UL Website

Certificate No. (UR) E60693

## Downloads

|   |   |
|---|---|
| Approval/Certificate/Document of Conformity | <a href="#">Attestation Of Conformity</a>         |
|   | <a href="#">UKCA Ex Attestation of Conformity</a> |
|   | <a href="#">ATEX Certificate</a>                  |
|   | <a href="#">IECEx Certificate</a>                 |
|   | <a href="#">CB Test Certificate</a>               |
|   | <a href="#">CB Certificate</a>                    |
|   | <a href="#">CCC Ex Certificate</a>                |
|   | <a href="#">UKCA Ex Certificate</a>               |
|   | <a href="#">Declaration of Conformity</a>         |
|   | <a href="#">UKCA declaration of conformity</a>    |
| Engineering Data                            | <a href="#">CAD data – STEP</a>                   |
| Product Change Notification                 | <a href="#">PCN_MK3_20190405</a>                  |
| User Documentation                          | <a href="#">NTI MK 3</a>                          |
|   | <a href="#">StorageConditionsTerminalBlocks</a>   |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>          |
| Brochures                                   |   |

## MK 3/2/E

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

## 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 MK3                   | Version  |
| Order No.  | <a href="#">3833700000</a> | Cross-connector (terminal), Plugged, Number of poles: 2, Pitch in mm |
| GTIN (EAN) | 4008190542535              | (P): 10.00, Insulated: Yes, 24 A, black                              |
| Qty.       | 20 pc(s).                  |  |
| Type       | QB 4 MK3                   | Version  |
| Order No.  | <a href="#">3833800000</a> | Cross-connector (terminal), Plugged, Number of poles: 4, Pitch in mm |
| GTIN (EAN) | 4008190542542              | (P): 10.00, Insulated: Yes, 24 A, black                              |
| Qty.       | 20 pc(s).                  |  |