

MK 3/8**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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 | Multipin terminal strip, Single- and multi-pole terminal strip, Rated cross-section: 2.5 mm ² , Screw connection, Direct mounting |
| Order No. | 0274420000 |
| Type | MK 3/8 |
| GTIN (EAN) | 4008190185015 |
| Qty. | 25 pc(s). |

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Catalogue status 03.02.2023 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

| | | | |
|------------|----------|-----------------|------------|
| Depth | 16.1 mm | Depth (inches) | 0.634 inch |
| Height | 15 mm | Height (inches) | 0.591 inch |
| Width | 72.75 mm | Width (inches) | 2.864 inch |
| Net weight | 29.48 g | | |

Temperatures

| | | | |
|----------------------------------|----------------|----------------------------------|--------|
| Storage temperature | -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 | | |

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 (rated connection)

| | | | |
|---|----------------------|---|---------------------|
| Blade size | 0.6 x 3.5 mm | Clamping range, max. | 4 mm ² |
| Clamping range, min. | 0.33 mm ² | Clamping screw | M 2.5 |
| Connection cross-section, stranded, max. | 2.5 mm ² | Connection cross-section, stranded, min. | 1.5 mm ² |
| Connection direction | on side | Gauge to IEC 60947-1 | A2 |
| Number of connections | 16 | 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 ² | Wire connection cross section, finely stranded, min. | 0.5 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 1.5 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.5 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 1.5 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.5 mm ² |
| Wire connection cross-section, solid core, max. | 4 mm ² | Wire connection cross-section, solid core, min. | 0.5 mm ² |

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Technical data

Dimensions

| | |
|------------------|---------|
| Fixing dimension | 18.5 mm |
|------------------|---------|

General

| | | | |
|---|-----------------|---|--------|
| Installation advice | Direct mounting | Number of poles | 8 |
| 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 ² | Rated 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 | 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 |

Approvals

Approvals



| | |
|---------------------------|------------|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate No. (UR) | E60693 |
| Certificate No. (cURusEX) | E184763 |

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www.weidmueller.com**Technical data****Downloads**

| | |
|---|--|
| Approval/Certificate/Document of Conformity | EAC certificate Declaration of Conformity CE Declaration of Conformity all terminals UKCA declaration of conformity |
| Engineering Data | CAD data – STEP |
| Engineering Data | WSCAD |
| User Documentation | StorageConditionsTerminalBlocks |
| Catalogues | Catalogues in PDF-format |
| Brochures | |