

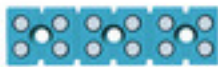
MK 3/6 BL**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image**Klippon® Connect with clamping yoke Technology**

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

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. | 0274270000 |
| Type | MK 3/6 BL |
| GTIN (EAN) | 4008190287924 |
| Qty. | 50 pc(s). |
| Available until | 2020-12-31 |
| Alternative product | 0274220000 |

Creation date March 22, 2021 9:45:20 AM CET

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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 |
| Net weight | 23.18 g | Weight | 22.8 g |
| Width | 54.25 mm | Width (inches) | 2.136 inch |

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 | 12 | 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 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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Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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Technical data

General

| | | | |
|---|-----------------|---|--------|
| Installation advice | Direct mounting | Number of poles | 6 |
| Standards | IEC 60947-7-1 | Wire connection cross section AWG, max. | AWG 12 |
| Wire connection cross section AWG, min. | AWG 22 | | |

Rating data

| | | | |
|--|---------|---------------------------------|---------------------|
| Power loss in accordance with IEC 60947-7-x | 0.77 W | 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 |
| 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 |
| 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 |

Approvals

Approvals



| | |
|-----------------------|---------|
| ROHS | Conform |
| UL File Number Search | E60693 |

Downloads

| | |
|---|---|
| Approval/Certificate/Document of Conformity | EAC certificate |
| Engineering Data | STEP |
| Engineering Data | EPLAN, WSCAD |
| User Documentation | StorageConditionsTerminalBlocks |