

Multipin terminal strip MK 6/3

Weidmüller Interface GmbH & Co. KG
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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

| | |
|------------|--|
| Type | MK 6/3 |
| Order No. | 0620320000 |
| Version | Multipin terminal strip, Single- and multi-pole terminal strip, Rated cross-section: 6 mm ² , Screw connection, Direct mounting |
| GTIN (EAN) | 4008190077440 |
| Qty. | 50 pc(s). |

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Technical data**Dimensions and weights**

| | | | |
|--------|---------|-----------------|------------|
| Width | 23 mm | Width (inches) | 0.906 inch |
| Height | 36.5 mm | Height (inches) | 1.437 inch |
| Depth | 22 mm | Depth (inches) | 0.866 inch |
| Weight | 33.7 g | Net weight | 23.5 g |

Temperatures

| | | | |
|----------------------------------|--------|----------------------------------|--------|
| 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 |
| Mounting 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) | 12400-150 | Current size B (CSA) | 40 A |
| Current size C (CSA) | 40 A | Voltage size B (CSA) | 300 V |
| Voltage size C (CSA) | 300 V | Wire cross section max. (CSA) | 10 AWG |
| Wire cross section min. (CSA) | 22 AWG | | |

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Technical data

Conductors for clamping (rated connection)

| | | | |
|---|----------------------|---|---------------------|
| Blade size | 4.0 x 0.8 mm | Clamping range, rated connection, max. | 6 mm ² |
| Clamping range, rated connection, min. | 0.33 mm ² | Clamping screw | M 4 |
| Connection direction | on side | Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min. | 0.5 mm ² |
| Gauge to IEC 60947-1 | A3 | Number of connections | 6 |
| Stripping length | 9 mm | Tightening torque, max. | 2 Nm |
| Tightening torque, min. | 1.2 Nm | Torque level with DMS electric screwdriver | 4 |
| Type of connection | Screw connection | Wire connection cross section AWG, max. | AWG 10 |
| Wire connection cross section AWG, min. | AWG 22 | Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max. | 4 mm ² |
| Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min. | 0.5 mm ² | Wire connection cross section, finely stranded, max. | 6 mm ² |
| Wire connection cross section, solid core max. rated connection | 6 mm ² | Wire connection cross section, solid core, min. rated connection | 0.5 mm ² |
| Wire connection cross section, stranded, rated connection, max. | 6 mm ² | Wire connection cross section, stranded, rated connection, min. | 1.5 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max. | 4 mm ² | Wire connection cross-section, finely stranded, min. | 0.5 mm ² |

Rating data

| | | | |
|---------------------|-------------------|---------------------------------|-------|
| Rated cross-section | 6 mm ² | Rated voltage | 690 V |
| Rated current | 41 A | Current at maximum wires | 41 A |
| Standards | IEC 60947-7-1 | Rated impulse withstand voltage | 8 kV |
| Pollution severity | 3 | | |

UL rating data

| | | | |
|---|--------|---|--------|
| Certificate No. (UR) | E60693 | Conductor size Factory wiring max. (UR) | 10 AWG |
| Conductor size Factory wiring min. (UR) | 22 AWG | Conductor size Field wiring max. (UR) | 10 AWG |
| Conductor size Field wiring min. (UR) | 22 AWG | Current size B (UR) | 30 A |
| Current size C (UR) | 30 A | Voltage size B (UR) | 300 V |
| Voltage size C (UR) | 300 V | | |

Classifications

| | | | |
|------------|-------------|------------|-------------|
| ETIM 3.0 | EC001284 | ETIM 4.0 | EC001284 |
| ETIM 5.0 | EC001284 | ETIM 6.0 | EC001284 |
| UNSPSC | 30-21-18-11 | eClass 5.1 | 27-14-11-06 |
| eClass 6.2 | 27-14-11-06 | eClass 7.1 | 27-14-11-06 |
| eClass 8.1 | 27-14-11-06 | eClass 9.0 | 27-14-11-06 |
| eClass 9.1 | 27-14-11-06 | | |

Data sheet**Multipin terminal strip
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Technical data**Approvals**

Approvals



ROHS

Conform

DownloadsApproval/Certificate/Document of
Conformity[DE_PT1411_20160418_262_ISSUE01.pdf](#)

Brochure/Catalogue

[CAT 1 TERM 16/17 EN](#)

Engineering Data

[EPLAN, WSCAD](#)**Safety note**

Safety notice

[Safety Information](#)