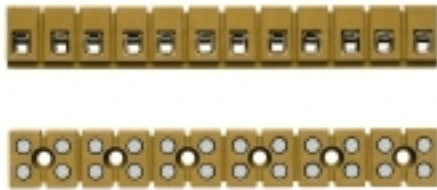


**Multipin terminal strip
MKL 3/12 WA**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Product image

Similar to illustration

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 | MKL 3/12 WA |
| Order No. | 0243620000 |
| Version | Multipin terminal strip, Single- and multi-pole terminal strip, Rated cross-section: 2.5 mm ² , Solder connection, Direct mounting |
| GTIN (EAN) | 4008190018320 |
| Qty. | 20 pc(s). |

Creation date April 30, 2020 7:53:16 PM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

| | | | |
|--------|----------|-----------------|-------------|
| Width | 110 mm | Width (inches) | 4.331 inch |
| Height | 2,300 mm | Height (inches) | 90.551 inch |
| Depth | 16.1 mm | Depth (inches) | 0.634 inch |
| Weight | 36.35 g | Net weight | 34.65 g |

Temperatures

| | | | |
|----------------------------------|---------------|----------------------------------|--------|
| Storage temperature, max. | 40 °C | Storage temperature, min. | 10 °C |
| Storage temperature | 10 °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 | 5VA, V-0 | | |

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. | 0.5 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 | 1 | 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 | Solder connection |
| Wire connection cross section AWG, max. | AWG 12 | Wire connection cross section AWG, min. | AWG 22 |
| Wire connection cross section, finely stranded, max. | 1 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, finely stranded, 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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Data sheet

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Technical data

Rating data

| | | | |
|---|---------------------|--|---------|
| Rated cross-section | 2.5 mm ² | Rated voltage | 400 V |
| Rated current | 20 A | Volume resistance according to IEC 60947-7-x | 1.33 mΩ |
| Power loss in accordance with IEC 60947-7-x | 0.77 W | 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 C (UR) | 20 A |
| Voltage size C (UR) | 300 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 | UNSPSC | 30-21-18-11 |

Approvals

Approvals



ROHS Conform

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User Documentation [StorageConditionsTerminalBlocks](#)