

**Multipin terminal strip  
MK 3/7**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
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**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**

|            |  |
|------------|--|
| Type       | MK 3/7   |
| Order No.  | <a href="#">0274320000</a>   |
| Version    | Multipin terminal strip, Single- and multi-pole terminal strip, Rated cross-section: 2.5 mm <sup>2</sup> , Screw connection, Direct mounting |
| GTIN (EAN) | 4008190187507  |
| Qty.       | 50 pc(s).  |

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

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**Technical data****Dimensions and weights**

|        |         |                 |            |
|--------|---------|-----------------|------------|
| Width  | 63.5 mm | Width (inches)  | 2.5 inch   |
| Height | 15 mm   | Height (inches) | 0.591 inch |
| Depth  | 16.1 mm | Depth (inches)  | 0.634 inch |
| Weight | 25.16 g | Net weight      | 25.7 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 |        |               |

**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 <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   | 14                   | 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 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, finely stranded, 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> |

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## Technical data

### Dimensions

Fixing dimension 18.5 mm

### Rating data

|   |                     |  |         |
|---|---------------------|--|---------|
| Rated cross-section                         | 2.5 mm <sup>2</sup> | 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 |
| 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 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 | UNSPSC     | 30-21-18-11 |

### Approvals

Approvals



ROHS Conform

### Downloads

|   |  |
|---|--|
| Approval/Certificate/Document of Conformity | <a href="#">DE_PT1411_20160418_253_ISSUE01.pdf</a>   |
| Brochure/Catalogue                          | <a href="#">CAT 1 TERM 16/17 EN</a>  |
| Engineering Data                            | <a href="#">EPLAN, WSCAD</a>   |
| Engineering Data                            | <a href="#">STEP</a>   |
| User Documentation                          | <a href="#">Cross Connection Guide</a><br><a href="#">Storage Conditions Terminal Blocks</a> |

### Safety note

Safety notice [Safety Information](#)