

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

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 1429-0

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www.weidmueller.com

**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 3/8                                                                                                                                       |
| Order No.  | <a href="#">0274420000</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) | 4008190185015                                                                                                                                |
| Qty.       | 25 pc(s).                                                                                                                                    |

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## Technical data

### Dimensions and weights

|        |          |                 |            |
|--------|----------|-----------------|------------|
| Width  | 72.75 mm | Width (inches)  | 2.864 inch |
| Height | 15 mm    | Height (inches) | 0.591 inch |
| Depth  | 16.1 mm  | Depth (inches)  | 0.634 inch |
| Weight | 29.57 g  | Net weight      | 29.52 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)         | 12400-149 | 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    |                               |        |

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### Conductors for clamping (rated connection)

|                                                                                                                               |                      |                                                                                                                                       |                     |
|-------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| Blade size                                                                                                                    | 0.6 x 3.5 mm         | Clamping range, rated connection, max.                                                                                                | 4 mm <sup>2</sup>   |
| Clamping range, rated connection, min.                                                                                        | 0.33 mm <sup>2</sup> | Clamping screw                                                                                                                        | M 2.5               |
| Connection direction                                                                                                          |                      | Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min. | 0.5 mm <sup>2</sup> |
|                                                                                                                               | on side              | Number of connections                                                                                                                 | 16                  |
| Gauge to IEC 60947-1                                                                                                          | A2                   | Tightening torque, max.                                                                                                               | 0.45 Nm             |
| Stripping length                                                                                                              | 5 mm                 | Torque level with DMS electric screwdriver                                                                                            | 1                   |
| Tightening torque, min.                                                                                                       | 0.4 Nm               | Wire connection cross section AWG, max.                                                                                               | AWG 12              |
| Type of connection                                                                                                            | Screw connection     | Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.                             | 1.5 mm <sup>2</sup> |
| 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, rated connection, min.                     | 0.5 mm <sup>2</sup>  | Wire connection cross section, solid core, min. rated connection                                                                      | 0.5 mm <sup>2</sup> |
| Wire connection cross section, solid core max. rated connection                                                               | 4 mm <sup>2</sup>    | Wire connection cross section, stranded, rated connection, min.                                                                       | 1.5 mm <sup>2</sup> |
| Wire connection cross section, stranded, rated connection, max.                                                               | 2.5 mm <sup>2</sup>  | Wire connection cross-section, finely stranded, min.                                                                                  | 0.5 mm <sup>2</sup> |
| Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max. | 1.5 mm <sup>2</sup>  |                                                                                                                                       |                     |

### 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       | 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 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 |            |             |

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## Technical data

### Approvals

Approvals



ROHS

Conform

### Downloads

|                                             |                                                                                       |
|---------------------------------------------|---------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">CFAT_MK_3_2.pdf</a><br><a href="#">DE_PT1411_20160418_254_ISSUE01.pdf</a> |
| Brochure/Catalogue                          | <a href="#">CAT 1 TERM 16/17 EN</a>                                                   |
| Engineering Data                            | <a href="#">EPLAN, WSCAD</a>                                                          |

### Safety note

|               |                                    |
|---------------|------------------------------------|
| Safety notice | <a href="#">Safety Information</a> |
|---------------|------------------------------------|