

## MKL 4/16 WA

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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**

|            |  |
|------------|--|
| Version    | Multipin terminal strip, Single- and multi-pole terminal strip, Rated cross-section: 1.5 mm <sup>2</sup> , Screw connection, Direct mounting |
| Order No.  | <a href="#">0262020000</a>   |
| Type       | MKL 4/16 WA  |
| GTIN (EAN) | 4008190036874  |
| Qty.       | 20 pc(s).  |

Creation date March 22, 2021 9:41:13 AM CET

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

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## Technical data

## Dimensions and weights

|            |          |                 |             |
|------------|----------|-----------------|-------------|
| Depth      | 16 mm    | Depth (inches)  | 0.63 inch   |
| Height     | 2,400 mm | Height (inches) | 94.488 inch |
| Net weight | 42.15 g  | Weight          | 42.05 g     |
| Width      | 103 mm   | Width (inches)  | 4.055 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, 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)         | 12400-161-162-163 | Current size B (CSA)          | 15 A   |
| Current size C (CSA)          | 15 A              | Current size D (CSA)          | 10 A   |
| Voltage size B (CSA)          | 300 V             | Voltage size C (CSA)          | 300 V  |
| Voltage size D (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   | 2                    | 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, 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

## General

|   |                 |   |        |
|---|-----------------|---|--------|
| Installation advice                     | Direct mounting | Number of poles                         | 16     |
| 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  | 0.56 W  | Rated cross-section             | 1.5 mm <sup>2</sup> |
| Rated voltage                                | 250 V   | Rated current                   | 20 A                |
| Volume resistance according to IEC 60947-7-x | 1.83 mΩ | Rated impulse withstand voltage | 6 kV                |
| Pollution severity                           | 3       |                                 |                     |

## 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

## Downloads

|   |                                 |
|---|---------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">EAC certificate</a> |
| Engineering Data                            | <a href="#">STEP</a>            |