

SKH F48**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Plug-in card holders are used to adapt cards from the Euro format (19") to connectors in compliance with IEC 603/ DIN 41612 and DIN 41617.

Plug-in card holders consist of the following components:

- Circuit board with standard connectors and inserts with clamping-yoke connection.
- Flange housing and holder/pull-out mechanism for the circuit card.
- Plug-in card and mounting foot for attaching to mounting rail or directly to panel.

The plug-in card holders are normally used in the following cases:

- For quick adaptation in industrial applications of different 19" modules, and for avoiding the expense of a 19" rack.
- When there are only a few cards to install and connect.
- The circuit board is located in a remote position where the cabling cannot be easily handled.
- An older system needs to be updated with additional electronics modules.
- For test devices, production processes and laboratories: where circuit boards need to be swapped out quickly and connections must be easy to handle.

General ordering data

| | |
|------------|---|
| Version | Interface, Plug-in connector, acc. to DIN 41612 female, 48F |
| Order No. | 0587060000 |
| Type | SKH F48 |
| GTIN (EAN) | 4008190126803 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|------------|--------|-----------------|------------|
| Depth | 144 mm | Depth (inches) | 5.669 inch |
| Height | 56 mm | Height (inches) | 2.205 inch |
| Width | 131 mm | Width (inches) | 5.157 inch |
| Net weight | 234 g | | |

Temperatures

| | | | |
|---------------------|-------------|-----------------------|-----------|
| Storage temperature | -40...60 °C | Operating temperature | 0...55 °C |
|---------------------|-------------|-----------------------|-----------|

Connection data

| | | | |
|--------------------------------|----------------|-------------------------------|---|
| Connection (field side) | LP2N 5.08mm | Connection on control side | Plug-in connector, acc. to DIN 41612 female |
| Contact assembly | z, b, d | Design of the pluggable board | 100x160 mm euro format for 19" racks |
| Number of poles (control side) | 48-pole female | Type (control side) | 48F |

Rating data

| | | | |
|---------------|-------------------|------------------------------|-----|
| Rated voltage | 125V AC / 150V DC | Rated current per connection | 4 A |
|---------------|-------------------|------------------------------|-----|

Insulation coordination (EN50178)

| | | | |
|-------------------------------|--------------|----------------------------|------------|
| According to | DIN EN 50178 | Rated insulation voltage | < 150 V AC |
| Surge voltage category | II | Pollution severity level | 2 |
| Pulse voltage test (1,2/50µs) | 1.5 kV | Insulation test voltage AC | 0.8 kV |

Connection field

| | | | |
|----------------------------------|---------------------|------------------------------|---------------------|
| Clamping range, max. | 6 mm ² | Clamping range, min. | 0.5 mm ² |
| Flexible with sleeve, max. | 2.5 mm ² | Flexible with sleeve, min. | 0.5 mm ² |
| Flexible, max. H05(07) V-K | 4 mm ² | Flexible, min. H05(07) V-K | 0.5 mm ² |
| Max. wire cross-section, AWG | AWG 12 | Min. wire cross-section, AWG | AWG 26 |
| Sleeve with plastic collar, max. | 2.5 mm ² | Solid, max. H05(07) V-U | 6 mm ² |
| Solid, min. H05(07) V-U | 0.5 mm ² | Stripping length | 6 mm |
| Tightening torque, max. | 0.6 Nm | Tightening torque, min. | 0.5 Nm |
| Type of connection | Screw connection | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC002780 | ETIM 7.0 | EC002780 |
| ETIM 8.0 | EC002780 | ETIM 9.0 | EC002780 |
| ECLASS 9.0 | 27-14-11-52 | ECLASS 9.1 | 27-24-22-92 |
| ECLASS 10.0 | 27-14-11-52 | ECLASS 11.0 | 27-14-11-52 |
| ECLASS 12.0 | 27-14-11-52 | ECLASS 13.0 | 27-14-11-52 |

Approvals

Approvals



ROHS

Conform

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Technical data

Downloads

Approval/Certificate/Document of Conformity

[Declaration of Conformity](#)

Product Change Notification

[20211110 Technical change to SKH interfaces!](#)

Catalogues

[Catalogues in PDF-format](#)

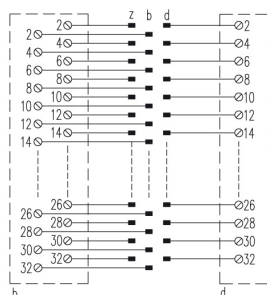
Brochures

SKH F48**Weidmüller Interface GmbH & Co. KG**

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Accessories

Steel



Steel DIN rails are the most widespread on the market. Among metal DIN rails, they have the lowest shortcircuit protection, similar to stainless steel.

General ordering data

| | | |
|------------|----------------------------|--|
| Type | TS 35X15/2.3 2M/ST/ZN | Version |
| Order No. | 0498000000 | Terminal rail, without slot, Accessories, 35 x 15 x 2000 mm, Steel, |
| GTIN (EAN) | 4008190042493 | galvanic zinc plated and passivated |
| Qty. | 2 m | |
| Type | TS 35X7.5 2M/ST/ZN | Version |
| Order No. | 0383400000 | Terminal rail, without slot, Accessories, 35 x 7.5 x 2000 mm, Steel, |
| GTIN (EAN) | 4008190088026 | galvanic zinc plated and passivated |
| Qty. | 2 m | |

Mounting feet



Mounting feet are used to mount components that cannot be snapped directly on a DIN rail.

General ordering data

| | | |
|------------|----------------------------|--|
| Type | FM 4/TS35 | Version |
| Order No. | 0687900000 | Mounting foot on mounting rail, TS 35, M 4 |
| GTIN (EAN) | 4008190086459 | |
| Qty. | 40 pc(s). | |