

SKH2 F32 (Z+B) LPP

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

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

| | |
|------------|---|
| Type | SKH2 F32 (Z+B) LPP |
| Order No. | 8174850000 |
| Version | Interface, Plug-in connector, acc. to DIN 41612 female, 32F |
| GTIN (EAN) | 4008190169343 |
| Qty. | 1 pc(s). |

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Technical data**Dimensions and weights**

| | | | |
|------------|----------|-----------------|------------|
| Length | 80.7 mm | Length (inches) | 3.177 inch |
| Width | 160 mm | Width (inches) | 6.299 inch |
| Height | 192.5 mm | Height (inches) | 7.579 inch |
| Net weight | 384 g | | |

Temperatures

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

Connection data

| | | | |
|--------------------------------|----------------|-------------------------------|---|
| Connection (field side) | LP 5.08mm | Connection on control side | Plug-in connector, acc. to DIN 41612 female |
| Number of poles (control side) | 32-pole female | Type (control side) | 32F |
| Contact assembly | z and b | Design of the pluggable board | 100x160 mm euro format for 19" racks |

Rating data

| | | | |
|---------------|----------|------------------------------|-----|
| Rated voltage | 250 V UC | Rated current per connection | 4 A |
|---------------|----------|------------------------------|-----|

Insulation coordination (EN50178)

| | | | |
|-------------------------------|--------------|--------------------------|----------|
| According to | DIN EN 50178 | Rated insulation voltage | 250 V |
| Surge voltage category | II | Pollution severity level | 2 |
| Pulse voltage test (1,2/50µs) | 2.1 kV | Insulation test voltage | 1.2 kVAC |

Connection field

| | | | |
|------------------------------|---------------------|----------------------------------|----------------------|
| Type of connection | Screw connection | Clamping range, min. | 0.13 mm ² |
| Clamping range, max. | 6 mm ² | Solid, min. H05(07) V-U | 0.5 mm ² |
| Solid, max. H05(07) V-U | 6 mm ² | Flexible, min. H05(07) V-K | 0.5 mm ² |
| Flexible, max. H05(07) V-K | 4 mm ² | Flexible with sleeve, max. | 2.5 mm ² |
| Flexible with sleeve, min. | 0.5 mm ² | Sleeve with plastic collar, max. | 2.5 mm ² |
| Min. wire cross-section, AWG | AWG 26 | Max. wire cross-section, AWG | AWG 12 |
| Tightening torque, min. | 0.5 Nm | Tightening torque, max. | 0.6 Nm |
| Stripping length | 6 mm | | |

Classifications

| | | | |
|------------|-------------|------------|-------------|
| ETIM 3.0 | EC001419 | ETIM 4.0 | EC001421 |
| ETIM 5.0 | EC001421 | ETIM 6.0 | EC002780 |
| UNSPSC | 30-21-18-01 | eClass 5.1 | 27-24-22-04 |
| eClass 6.2 | 27-24-22-04 | eClass 7.1 | 27-14-11-52 |
| eClass 8.1 | 27-24-92-05 | eClass 9.0 | 27-14-11-52 |
| eClass 9.1 | 27-24-22-92 | | |

Data sheet

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Technical data

Approvals

Approvals



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Drawings

