

SKH2 F32 (Z+D) LP

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, 32F
Order No.	8174860000
Type	SKH2 F32 (Z+D) LP
GTIN (EAN)	4008190037178
Qty.	1 items

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

Depth	193 mm	Depth (inches)	7.5984 inch
Height	81 mm	Height (inches)	3.189 inch
Width	160 mm	Width (inches)	6.2992 inch
Net weight	378 g		

Temperatures

Storage temperature	-40...60 °C	Operating temperature	0...55 °C
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Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	No SVHC above 0.1 wt%

Connection data

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

Rating data

Rated voltage	250 V UC	Rated current per connection	4 A
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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 AC	1.2 kV

Connection field

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

Standard features

Design	IEC603 F32
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Classifications

ETIM 8.0	EC002780	ETIM 9.0	EC002780
ETIM 10.0	EC002780	ECLASS 14.0	27-14-11-52
ECLASS 15.0	27-14-11-52		

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Drawings

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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 35X7.5 2M/ST/ZN	Version	
Order No.	0383400000	Terminal rail, Accessories, Steel, galvanic zinc plated and passivated,	
GTIN (EAN)	4008190088026	Width: 2000 mm, Height: 35 mm, Depth: 7.5 mm	
Qty.	40 M		
Type	TS 35X15/2.3 2M/ST/ZN	Version	
Order No.	0498000000	Terminal rail, Accessories, Steel, galvanic zinc plated and passivated,	
GTIN (EAN)	4008190042493	Width: 2000 mm, Height: 35 mm, Depth: 15 mm	
Qty.	20 M		