

SKH E48 LP2/LP

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

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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, 48E
Order No.	0690660000
Type	SKH E48 LP2/LP
GTIN (EAN)	4008190087630
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	144 mm	Depth (inches)	5.669 inch
Height	69 mm	Height (inches)	2.717 inch
Width	131 mm	Width (inches)	5.157 inch
Net weight	251 g		

Temperatures

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

Connection data

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

Rating data

Rated voltage	125V AC / 150V DC	Rated current per connection	4 A
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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	0.8 kVAC

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	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

Approvals

Approvals



ROHS

Conform

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Catalogue status 03.03.2023 / We reserve the right to make technical changes.

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Technical data**Downloads**

Approval/Certificate/Document of Conformity	Declaration of Conformity
Engineering Data	WSCAD
Product Change Notification	20211110 Technical change to SKH interfaces!
Catalogues	Catalogues in PDF-format
Brochures	

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Drawings

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