

## SKH 31 LP 250VAC RH1

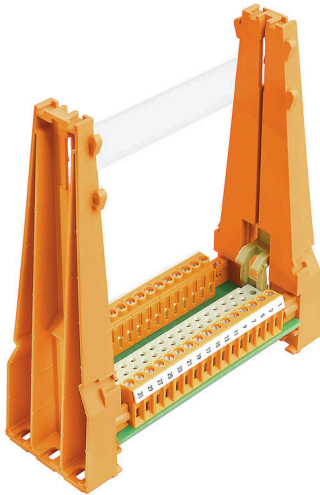
**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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 41617 female
Order No.	<a href="#">0648661001</a>
Type	SKH 31 LP 250VAC RH1
GTIN (EAN)	4032248046249
Qty.	1 items

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## Technical data

## Approvals

Approvals



ROHS Conform

## Dimensions and weights

Depth	144 mm	Depth (inches)	5.6693 inch
Height	48 mm	Height (inches)	1.8898 inch
Width	131 mm	Width (inches)	5.1575 inch
Net weight	154 g		

## Temperatures

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

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

## Connection data

Number of poles (control side)	31-pole female	Connection (field side)	LP 5.08mm
Contact assembly	a and b	Design of the pluggable board	100x160 mm euro format for 19" racks
Connection on control side	Plug-in connector, acc. to DIN 41617 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 <sup>2</sup>	Flexible with sleeve, min.	0.5 mm <sup>2</sup>
Flexible with sleeve, max.	2.5 mm <sup>2</sup>	Flexible, max. H05(07) V-K	4 mm <sup>2</sup>
Flexible, min. H05(07) V-K	0.5 mm <sup>2</sup>	Solid, max. H05(07) V-U	6 mm <sup>2</sup>
Solid, min. H05(07) V-U	0.5 mm <sup>2</sup>	Stripping length	6 mm
Tightening torque, max.	0.6 Nm	Tightening torque, min.	0.5 Nm
Clamping range, max.	6 mm <sup>2</sup>	Clamping range, min.	0.5 mm <sup>2</sup>
Max. wire cross-section, AWG	AWG 12		

## Standard features

Design	DIN41617 31-pole
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### Classifications

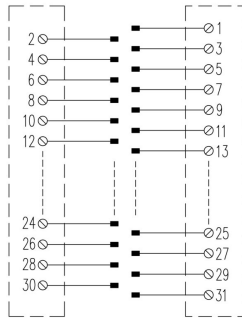
ETIM 8.0	EC002780	ETIM 9.0	EC002780
ETIM 10.0	EC002780	ECLASS 14.0	27-14-11-52
ECLASS 15.0	27-14-11-52		

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**Drawings**

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## Accessories

### Steel

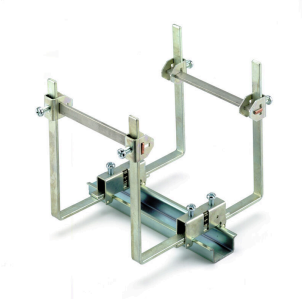


Steel DIN rails are the most widespread on the market. Among metal DIN rails, they have the lowest shortcircuit protection, similar to stainless steel.

### General ordering data

Type	TS 35X7.5 2M/ST/ZN	Version	
Order No.	<a href="#">0383400000</a>	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.	<a href="#">0498000000</a>	Terminal rail, Accessories, Steel, galvanic zinc plated and passivated,	
GTIN (EAN)	4008190042493	Width: 2000 mm, Height: 35 mm, Depth: 15 mm	
Qty.	20 M		

### Accessories



The comprehensive accessories of the Klippon® Connect portfolio are perfectly matched down to the last detail. This facilitates mounting while adhering to required norms

### General ordering data

Type	FM 4/TS35	Version	
Order No.	<a href="#">0687900000</a>	Mounting foot on mounting rail, silver, Steel, bright finish, M 4, Width:	
GTIN (EAN)	4008190086459	14 mm	
Qty.	40 ST		