

#### 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 needs 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.  | <u>0586661001</u>                               |  |  |
| Туре       | SKH 31 LP RH1                                   |  |  |
| GTIN (EAN) | 4032248046287                                   |  |  |
| Qty.       | 1 items   |  |  |





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# **Technical data**

| 6  |  |   |
|--|--|---|
| Conform  |  |   |
|  |  |   |
|  |  |   |
| 144 mm   | Depth (inches)   | 5.6693 inch   |
| 48 mm  | Height (inches)  | 1.8898 inch   |
| 131 mm   | Width (inches)   | 5.1575 inch   |
| 154.88 g   |  |   |
|  |  |   |
| -4060 °C   | Operating temperature  | 055 °C  |
| -  |  |   |
| npliance   |  |   |
| Compliant without exemption  | on   |   |
| No SVHC above 0.1 wt%  |  |   |
|  |  |   |
|  |  |   |
| 31-pole female   | Connection (field side)  | LP 5.08mm   |
| a and b  | Design of the pluggable board  | 100x160 mm euro forma<br>for 19" racks  |
| Plug-in connector, acc. to<br>DIN 41617 female   |  | 10, 12 1000   |
|  |  |   |
| 125V AC / 150V DC  | Rated current per connection   | 4 A   |
|  | <u> </u>   |   |
| IE0470\  |  |   |
| N50178)  |  |   |
|  | Rated insulation voltage   | < 150 V AC  |
| DIN EN 50178   | Rated insulation voltage Pollution severity level  | < 150 V AC  |
|  | Rated insulation voltage Pollution severity level Insulation test voltage AC   | < 150 V AC<br>2<br>0.8 kV   |
| DIN EN 50178<br>II   | Pollution severity level   | 2   |
| DIN EN 50178<br>II<br>1.5 kV   | Pollution severity level Insulation test voltage AC  | 2<br>0.8 kV   |
| DIN EN 50178<br>II<br>1.5 kV<br>AWG 26   | Pollution severity level Insulation test voltage AC  Type of connection  | 2<br>0.8 kV<br>Screw connection   |
| DIN EN 50178 II 1.5 kV  AWG 26 2.5 mm <sup>2</sup>   | Pollution severity level Insulation test voltage AC  Type of connection Flexible with sleeve, min.   | 2<br>0.8 kV<br>Screw connection<br>0.5 mm <sup>2</sup>                                  |
| DIN EN 50178 II 1.5 kV  AWG 26 2.5 mm <sup>2</sup> 2.5 mm <sup>2</sup>   | Pollution severity level Insulation test voltage AC  Type of connection Flexible with sleeve, min. Flexible, max. H05(07) V-K  | 2<br>0.8 kV<br>Screw connection<br>0.5 mm <sup>2</sup><br>4 mm <sup>2</sup>             |
| DIN EN 50178 II 1.5 kV  AWG 26 2.5 mm <sup>2</sup> 2.5 mm <sup>2</sup> 0.5 mm <sup>2</sup>                     | Pollution severity level Insulation test voltage AC  Type of connection Flexible with sleeve, min. Flexible, max. H05(07) V-K Solid, max. H05(07) V-U  | 2 0.8 kV  Screw connection 0.5 mm <sup>2</sup> 4 mm <sup>2</sup> 6 mm <sup>2</sup>      |
| DIN EN 50178 II 1.5 kV  AWG 26 2.5 mm <sup>2</sup> 2.5 mm <sup>2</sup> 0.5 mm <sup>2</sup> 0.5 mm <sup>2</sup> | Pollution severity level Insulation test voltage AC  Type of connection Flexible with sleeve, min. Flexible, max. H05(07) V-K Solid, max. H05(07) V-U Stripping length                         | 2<br>0.8 kV<br>Screw connection<br>0.5 mm <sup>2</sup><br>4 mm <sup>2</sup>             |
| DIN EN 50178 II 1.5 kV  AWG 26 2.5 mm <sup>2</sup> 2.5 mm <sup>2</sup> 0.5 mm <sup>2</sup> 0.6 Nm              | Pollution severity level Insulation test voltage AC  Type of connection Flexible with sleeve, min. Flexible, max. H05(07) V-K Solid, max. H05(07) V-U Stripping length Tightening torque, min. | 2 0.8 kV  Screw connection 0.5 mm² 4 mm² 6 mm² 6 mm 0.5 Nm                              |
| DIN EN 50178 II 1.5 kV  AWG 26 2.5 mm <sup>2</sup> 2.5 mm <sup>2</sup> 0.5 mm <sup>2</sup> 0.5 mm <sup>2</sup> | Pollution severity level Insulation test voltage AC  Type of connection Flexible with sleeve, min. Flexible, max. H05(07) V-K Solid, max. H05(07) V-U Stripping length                         | 2 0.8 kV  Screw connection 0.5 mm <sup>2</sup> 4 mm <sup>2</sup> 6 mm <sup>2</sup> 6 mm |
| DIN EN 50178 II 1.5 kV  AWG 26 2.5 mm² 2.5 mm² 0.5 mm² 0.6 Nm 6 mm²  | Pollution severity level Insulation test voltage AC  Type of connection Flexible with sleeve, min. Flexible, max. H05(07) V-K Solid, max. H05(07) V-U Stripping length Tightening torque, min. | 2 0.8 kV  Screw connection 0.5 mm² 4 mm² 6 mm² 6 mm 0.5 Nm                              |
| DIN EN 50178 II 1.5 kV  AWG 26 2.5 mm² 2.5 mm² 0.5 mm² 0.6 Nm 6 mm²  | Pollution severity level Insulation test voltage AC  Type of connection Flexible with sleeve, min. Flexible, max. H05(07) V-K Solid, max. H05(07) V-U Stripping length Tightening torque, min. | 2 0.8 kV  Screw connection 0.5 mm² 4 mm² 6 mm² 6 mm 0.5 Nm                              |
|  | 144 mm 48 mm 131 mm 154.88 g  -4060 °C  mpliance  Compliant without exemption No SVHC above 0.1 wt%  31-pole female a and b  Plug-in connector, acc. to  | 144 mm  |

Creation date 29.11.2025 03:40:46 MEZ

Catalogue status / Drawings 2





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# **Technical data**

| ETIM 10.0   | 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 | ECLASS 14.0 | 27-14-11-52 |
| ECLASS 15.0 | 27-14-11-52 |             |             |



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# **Drawings**

