

## SKH C64 RH2

**Weidmüller Interface GmbH & Co. KG**

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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       | SKH C64 RH2   |
| Order No.  | <a href="#">0178960000</a>                                  |
| Version    | Interface, Plug-in connector, acc. to DIN 41612 female, 64C |
| GTIN (EAN) | 4008190179045   |
| Qty.       | 1 pc(s).  |

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## Technical data

## Dimensions and weights

|            |        |                 |            |
|------------|--------|-----------------|------------|
| Length     | 76 mm  | Length (inches) | 2.992 inch |
| Width      | 131 mm | Width (inches)  | 5.157 inch |
| Height     | 144 mm | Height (inches) | 5.669 inch |
| Net weight | 275 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)        | LP2N 5.08mm    | Connection on control side    | Plug-in connector, acc. to DIN 41612 female |
| Number of poles (control side) | 64-pole female | Type (control side)           | 64C   |
| Contact assembly               | a and c        | Design of the pluggable board | 100x160 mm euro format for 19" racks        |

## Rating data

|               |                   |                              |     |
|---------------|-------------------|------------------------------|-----|
| Rated voltage | 125V AC / 150V DC | Rated current per connection | 1 A |
|---------------|-------------------|------------------------------|-----|

## 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

|                              |                     |                                  |                      |
|------------------------------|---------------------|----------------------------------|----------------------|
| Type of connection           | Screw connection    | Clamping range, min.             | 0.13 mm <sup>2</sup> |
| Clamping range, max.         | 6 mm <sup>2</sup>   | Solid, min. H05(07) V-U          | 0.5 mm <sup>2</sup>  |
| Solid, max. H05(07) V-U      | 6 mm <sup>2</sup>   | Flexible, min. H05(07) V-K       | 0.5 mm <sup>2</sup>  |
| Flexible, max. H05(07) V-K   | 4 mm <sup>2</sup>   | Flexible with sleeve, max.       | 2.5 mm <sup>2</sup>  |
| Flexible with sleeve, min.   | 0.5 mm <sup>2</sup> | Sleeve with plastic collar, max. | 2.5 mm <sup>2</sup>  |
| 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 6.0    | EC002780    | ETIM 7.0   | EC002780    |
| eClass 9.0  | 27-14-11-52 | eClass 9.1 | 27-24-22-92 |
| eClass 10.0 | 27-14-11-52 | UNSPSC     | 30-21-18-01 |

## Approvals

Approvals



ROHS

Conform

**Data sheet****SKH C64 RH2**

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**Technical data****Downloads**

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|   |   |
|---|---|
| Approval/Certificate/Document of Conformity | <a href="#">Declaration of Conformity</a> |
| Brochure/Catalogue                          | <a href="#">CAT 4.5 ELECTR 16/17 EN</a>   |
| Engineering Data                            | <a href="#">WSCAD</a>                     |

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**Data sheet**

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**Drawings**

