

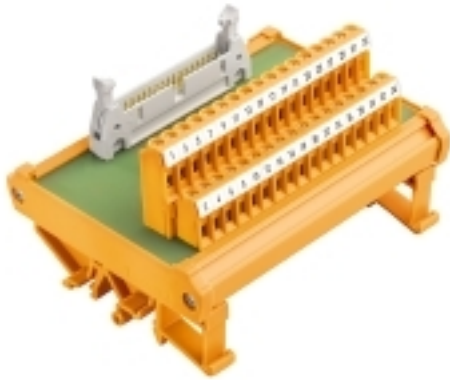
RS F64 LP2N 5/64**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

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www.weidmueller.com



Similar to illustration

Passive interfaces for signal transmission on a flat-cable connector equipped with a clamping-yoke connection in accordance with IEC 603-1 / DIN 41651.

The main features include:

- Group with 10- to 64-pole connectors
- One-to-one electrical connection between controller and field connections.
- Very compact modules can be attached to conventional TS35 or TS32 mounting rails.
- Longer attachment hooks

General ordering data

| | |
|------------|--|
| Version | Interface, RSF, Plug-in connector in acc. with IEC60603-13 / DIN41651, 64-pole, Screw connection |
| Order No. | 0224761001 |
| Type | RS F64 LP2N 5/64 |
| GTIN (EAN) | 4032248047147 |
| Qty. | 1 pc(s). |

Creation date March 7, 2023 1:25:01 PM CET

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

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Technical data

Dimensions and weights

| | | | |
|------------|----------|-----------------|------------|
| Depth | 70 mm | Depth (inches) | 2.756 inch |
| Height | 87 mm | Height (inches) | 3.425 inch |
| Width | 180 mm | Width (inches) | 7.087 inch |
| Net weight | 257.56 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) | LL2N 5.08 mm | Connection on control side | Plug-in connector in acc. with IEC60603-13 / DIN41651 |
| Earthing | No | Number of poles (control side) | 64-pole |

Rating data

| | | | |
|---------------|-------------------|------------------------------|-----|
| Rated voltage | 60 V AC / 75 V DC | Rated current per connection | 1 A |
|---------------|-------------------|------------------------------|-----|

Insulation coordination (EN50178)

| | | | |
|-------------------------------|--------------|--------------------------|-------|
| According to | DIN EN 50178 | Rated insulation voltage | 100 V |
| Surge voltage category | II | Pollution severity level | 2 |
| Pulse voltage test (1,2/50µs) | 0.8 kV | | |

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 | 27-14-11-52 | 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

Data sheet**RS F64 LP2N 5/64**

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Technical data**Downloads**

| | |
|---|---|
| Approval/Certificate/Document of Conformity | Declaration of Conformity |
| Engineering Data | WSCAD |
| Product Change Notification | 20200716-PCN-PL35-A-EN-External |
| Catalogues | Catalogues in PDF-format |
| Brochures | |

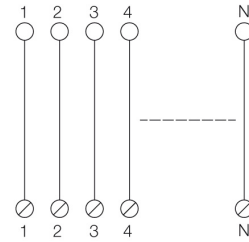
Data sheet

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Drawings



N: Number of poles