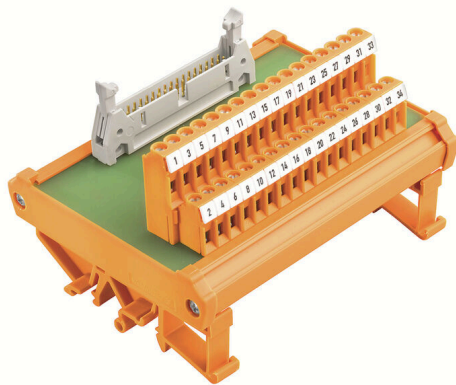


RS F16 LP2N 5/16

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26
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Germany

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, 16-pole, Screw connection |
| Order No. | 0225161001 |
| Type | RS F16 LP2N 5/16 |
| GTIN (EAN) | 4032248047079 |
| Qty. | 1 items |
| Delivery status | This article will no longer be available in the future. |
| Available until | 2026-02-10T00:00:00+01:00 |

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Technical data

Approvals

Approvals



| | |
|-----------------------|----------------------------|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate No. (UR) | E141197 |

Dimensions and weights

| | | | |
|------------|---------|-----------------|-------------|
| Depth | 70 mm | Depth (inches) | 2.7559 inch |
| Height | 87 mm | Height (inches) | 3.4252 inch |
| Width | 55 mm | Width (inches) | 2.1654 inch |
| Net weight | 80.25 g | | |

Temperatures

| | | | |
|---------------------|-------------|-----------------------|-----------|
| Storage temperature | -40...60 °C | Operating temperature | 0...55 °C |
|---------------------|-------------|-----------------------|-----------|

Environmental Product Compliance

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

Rated data UL

| | | | |
|--------------------------------|---------------------|--------------------------------|------|
| Rated current I _N | 1 A | Operating temperature UL, min. | 0 °C |
| Operating temperature UL, max. | 25 °C | Rated current I _{max} | 1 A |
| Rated voltage UN | ≤ 60 V AC / 75 V DC | | |

Connection Data

| | | | |
|--------------------------------|---------|----------------------------|---|
| Number of poles (control side) | 16-pole | Connection (field side) | LL2N 5.08 mm |
| Earthing | No | Connection on control side | Plug-in connector in acc. with IEC60603-13 / DIN41651 |

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

| | | | |
|----------------------------------|---------------------|----------------------------|---------------------|
| Min. wire cross-section, AWG | AWG 26 | Type of connection | Screw connection |
| Sleeve with plastic collar, max. | 2.5 mm ² | Flexible with sleeve, min. | 0.5 mm ² |
| Flexible with sleeve, max. | 2.5 mm ² | Flexible, max. H05(07) V-K | 4 mm ² |
| Flexible, min. H05(07) V-K | 0.5 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 |

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| | | | |
|------------------------------|-------------------|----------------------|---------------------|
| Clamping range, max. | 6 mm ² | Clamping range, min. | 0.5 mm ² |
| Max. wire cross-section, AWG | AWG 12 | | |

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 | | |

Drawings



N: Number of poles