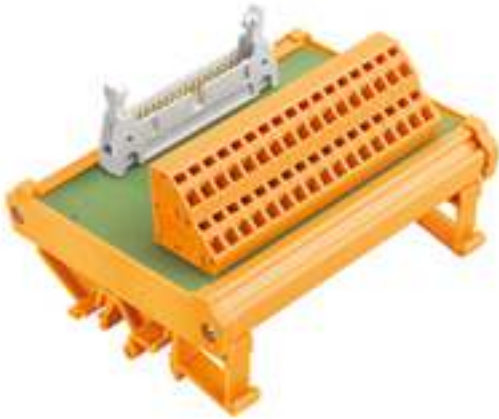


**RSF
RS F20 Z**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com



Passive interfaces for signal transmission on a flat-cable connector equipped with a tension-clamp 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

| | |
|------------|---|
| Type | RS F20 Z |
| Order No. | 8537110000 |
| Version | Interface, RSF, Connector according IEC60603-13/DIN41651, 20-pole, Tension clamp connection |
| GTIN (EAN) | 4032248172771 |
| Qty. | 1 pc(s). |

Data sheet

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Technical data

Dimensions and weights

| | | | |
|--------|-------|------------|-------|
| Length | 65 mm | Width | 87 mm |
| Height | 64 mm | Net weight | 121 g |

Temperatures

| | | | |
|-----------------------|-----------|---------------------|--------------|
| Operating temperature | 0...+55°C | Storage temperature | -40...+70 °C |
|-----------------------|-----------|---------------------|--------------|

Connection Data

| | | | |
|----------------------------|--|--------------------------------|---------|
| Connection on control side | Connector according IEC60603-13/DIN41651 | Number of poles (control side) | 20-pole |
| Connection (field side) | LM2NZF 5.08mm | Earthing | No |

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

| | | | |
|--------------------------------------|--------------------------|--------------------------------------|----------------------|
| Type of connection | Tension clamp connection | Clamping range, min. | 0.13 mm ² |
| Clamping range, max. | 2.5 mm ² | Solid, min. H05(07) V-U | 0.2 mm ² |
| Solid, max. H05(07) V-U | 2.5 mm ² | Flexible, min. H05(07) V-K | 0.2 mm ² |
| Flexible, max. H05(07) V-K | 1.5 mm ² | Flexible with sleeve, max. | 1.5 mm ² |
| Flexible with sleeve, min. | 0.25 mm ² | Sleeve with plastic collar, max. | 1.5 mm ² |
| Min. wire cross-section, AWG [field] | AWG 24 | Max. wire cross-section, AWG [field] | AWG 14 |
| Stripping length | 7.5 mm | | |

Classifications

| | | | |
|------------|-------------|------------|-------------|
| ETIM 3.0 | EC001419 | UNSPSC | 30-21-18-01 |
| eClass 5.1 | 27-24-22-04 | eClass 6.2 | 27-24-22-04 |
| eClass 7.1 | 27-24-22-04 | | |

Product information

| | |
|------------------------------|--|
| Descriptive text accessories | Refer to the "Universal cables PAC-UNIV" section in this chapter |
|------------------------------|--|

Approvals

Approvals



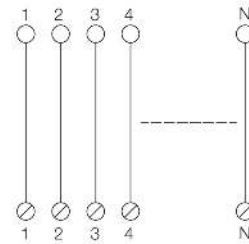
| | |
|------|---------|
| ROHS | Conform |
|------|---------|

Data sheet

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Drawings



N: Number of poles