



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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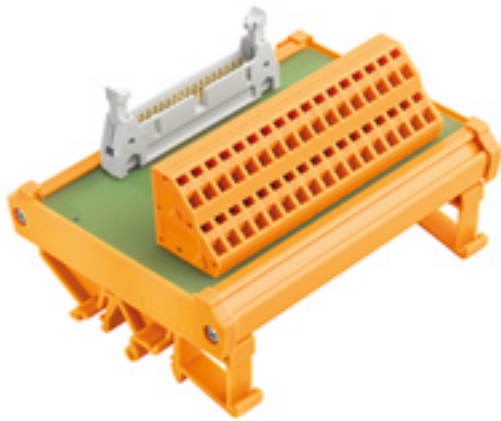
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**RSF
RS F20 Z**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
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Fon: +49 5231 14-0
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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



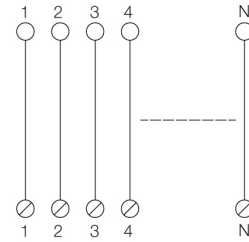
| | |
|------|---------|
| ROHS | Conform |
|------|---------|

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Drawings



N: Number of poles