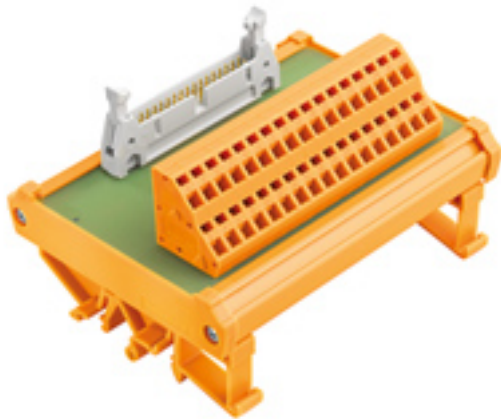


**RSF
RS F20 Z**

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
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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
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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
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Approvals

Approvals



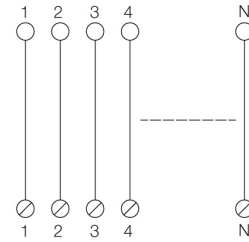
ROHS	Conform
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Data sheet

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Drawings



N: Number of poles