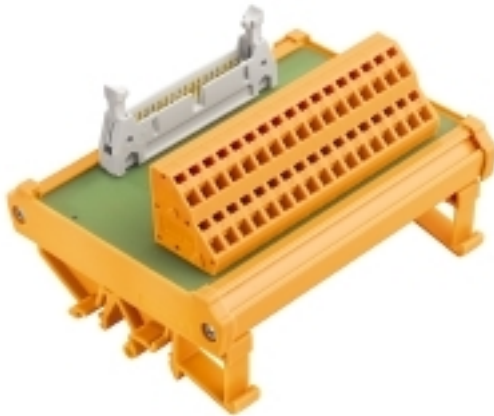


**RS F20 Z****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

Similar to illustration

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**

Version	Interface, RSF, Plug-in connector in acc. with IEC60603-13 / DIN41651, 20-pole, Tension-clamp connection
Order No.	<a href="#">8537110000</a>
Type	RS F20 Z
GTIN (EAN)	4032248172771
Qty.	1 pc(s).

## RS F20 Z

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## Technical data

## Dimensions and weights

Depth	64 mm	Depth (inches)	2.52 inch
Height	87 mm	Height (inches)	3.425 inch
Width	65 mm	Width (inches)	2.559 inch
Net weight	121 g		

## Temperatures

Storage temperature	-40...70 °C	Operating temperature	0...55 °C
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## Connection Data

Connection (field side)		Connection on control side	Plug-in connector in acc. with IEC60603-13 / DIN41651
	LM2NZF 5.08mm		
Earthing	No	Number of poles (control side)	20-pole

## 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

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

## Classifications

ETIM 6.0	EC002780	ETIM 7.0	EC002780
ETIM 8.0	EC002780	ETIM 9.0	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	ECLASS 13.0	27-14-11-52

## Approvals

Approvals



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

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## Technical data

### Downloads

Approval/Certificate/Document of Con-  
formity

[Declaration of Conformity](#)

Engineering Data

[CAD data – STEP](#)

Catalogues

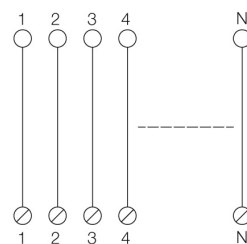
[Catalogues in PDF-format](#)

## RS F20 Z

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## Drawings



N: Number of poles