

RS F20 LP3R 3/21**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

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 triple-level modules can be attached to conventional TS35 or TS32 mounting rails.
- Longer attachment hooks
- Pin for the earth connection.

General ordering data

Version	Interface, RSF, Plug-in connector in acc. with IEC60603-13 / DIN41651, 20-pole, Screw connection
Order No.	8012910000
Type	RS F20 LP3R 3/21
GTIN (EAN)	4008190149505
Qty.	1 pc(s).

Creation date March 29, 2021 10:39:26 PM CEST

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Height	76 mm	Height (inches)	2.992 inch
Length	50 mm	Length (inches)	1.969 inch
Net weight	130 g	Width	87 mm
Width (inches)	3.425 inch		

Temperatures

Storage temperature	-40...70 °C	Operating temperature	0...55 °C
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Rated data UL

Certificate No. (cURus)	E141197
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Connection Data

Connection (field side)	LP3R 5.08mm	Connection on control side	Plug-in connector in acc. with IEC60603-13 / DIN41651
Earthing	Yes	Number of poles (control side)	20-pole
Protective earth connection	Flat-blade contact		

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.	6 mm ²	Clamping range, min.	0.13 mm ²
Flexible with sleeve, max.	2.5 mm ²	Flexible with sleeve, min.	0.5 mm ²
Flexible, max. H05(07) V-K	4 mm ²	Flexible, min. H05(07) V-K	0.5 mm ²
Max. wire cross-section, AWG	AWG 12	Min. wire cross-section, AWG	AWG 26
Sleeve with plastic collar, max.	2.5 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
Type of connection	Screw connection		

Classifications

ETIM 6.0	EC002780	ETIM 7.0	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

Data sheet**RS F20 LP3R 3/21**

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Technical data**Approvals**

Approvals



ROHS	Conform
UL File Number Search	E141197

Downloads

Approval/Certificate/Document of Conformity	Declaration of Conformity
Engineering Data	WSCAD
Product Change Notification	20201111 Technical change to RSF S Compact family

Data sheet

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Drawings

