

**RS F16 LP3R 3/18****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, 16-pole, Screw connection
Order No.	<a href="#">8012870000</a>
Type	RS F16 LP3R 3/18
GTIN (EAN)	4008190126865
Qty.	1 pc(s).

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Catalogue status 20.01.2023 / We reserve the right to make technical changes.

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## Technical data

## Dimensions and weights

Depth	76 mm	Depth (inches)	2.992 inch
Height	87 mm	Height (inches)	3.425 inch
Width	50 mm	Width (inches)	1.969 inch
Net weight	122 g		

## Temperatures

Storage temperature	-40...70 °C	Operating temperature	0...55 °C
Operating temperature, min.	0 °C	Operating temperature, max.	55 °C

## Connection Data

Connection (field side)	LL3R 5.08 mm	Connection on control side	Plug-in connector in acc. with IEC60603-13 / DIN41651
Earthing	Yes	Number of poles (control side)	16-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 <sup>2</sup>	Clamping range, min.	0.5 mm <sup>2</sup>
Flexible with sleeve, max.	2.5 mm <sup>2</sup>	Flexible with sleeve, min.	0.5 mm <sup>2</sup>
Flexible, max. H05(07) V-K	4 mm <sup>2</sup>	Flexible, min. H05(07) V-K	0.5 mm <sup>2</sup>
Max. wire cross-section, AWG	AWG 12	Min. wire cross-section, AWG	AWG 26
Sleeve with plastic collar, max.	2.5 mm <sup>2</sup>	Solid, max. H05(07) V-U	6 mm <sup>2</sup>
Solid, min. H05(07) V-U	0.5 mm <sup>2</sup>	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
ETIM 8.0	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

## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	7b5ffb72-271d-4c73-8b09-bd0aaee3697a

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**Technical data****Approvals**

Approvals



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Approval/Certificate/Document of  
Conformity

[Declaration of Conformity](#)

Engineering Data

[WSCAD](#)

Product Change Notification

[20201111 Technical change to RSF S Compact family](#)

Catalogues

[Catalogues in PDF-format](#)

**Data sheet**

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**Drawings**

