

## RSF RS F16 LPK 2H/18

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 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.
- Extremely compact modules in RS 45 section for installation on standard TS35 mounting rail.
- Longer attachment hooks
- Pin for the earth connection.

### General ordering data

Type	RS F16 LPK 2H/18
Order No.	<a href="#">8265540000</a>
Version	Interface, RSF, Plug-in connector in acc. with IEC60603-13 / DIN41651, 16-pole, Screw connection
GTIN (EAN)	4008190431518
Qty.	1 pc(s).

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Catalogue status 03.06.2020 / We reserve the right to make technical changes.

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**Technical data****Dimensions and weights**

Length	64 mm	Length (inches)	2.52 inch
Width	45 mm	Width (inches)	1.772 inch
Height	65.5 mm	Height (inches)	2.579 inch
Net weight	103 g		

**Temperatures**

Operating temperature, max.	55 V DC (24,25 V DC +- 50 mV) potenzialfrei	Operating temperature, min.	0 V DC (24,25 V DC +- 50 mV) potenzialfrei
Storage temperature, max.	70 V DC (24,25 V DC +- 50 mV) potenzialfrei	Storage temperature, min.	-40 V DC (24,25 V DC +- 50 mV) potenzialfrei
Operating temperature	0...55 °C	Storage temperature	-40...70 °C

**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
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**Connection Data**

Connection on control side	Plug-in connector in acc. with IEC60603-13 / DIN41651	Number of poles (control side)	16-pole
Connection (field side)	LPK 2H 5.08mm	Earthing	Yes
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**

Type of connection	Screw connection	Clamping range, min.	0.15 mm <sup>2</sup>
Clamping range, max.	1.5 mm <sup>2</sup>	Solid, min. H05(07) V-U	0.5 mm <sup>2</sup>
Solid, max. H05(07) V-U	6 Nm	Flexible, min. H05(07) V-K	0.5 mm <sup>2</sup>
Flexible, max. H05(07) V-K	4 Nm	Flexible with sleeve, max.	2.5 Nm
Flexible with sleeve, min.	0.5 mm <sup>2</sup>	Sleeve with plastic collar, max.	2.5 mm <sup>2</sup>
Min. wire cross-section, AWG	AWG 26	Max. wire cross-section, AWG	AWG 12
Tightening torque, min.	0.5 Nm	Tightening torque, max.	0.6 Nm
Stripping length	6 mm		

**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	UNSPSC	30-21-18-01

**Data sheet****RSF**  
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Approvals



ROHS

Conform

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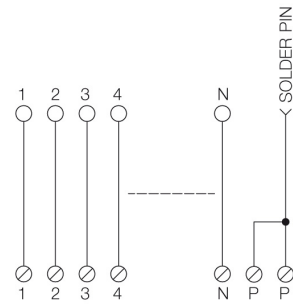
Approval/Certificate/Document of Conformity	<a href="#">K318_01_11.pdf</a> <a href="#">Declaration of Conformity</a>
Engineering Data	<a href="#">WSCAD</a>

**Data sheet**

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**Drawings**



N: Number of poles