

RS F40 LPK 2H/42

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.
- 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

Version	Interface, RSF, Plug-in connector in acc. with IEC60603-13 / DIN41651, 40-pole, Screw connection
Order No.	8155580000
Type	RS F40 LPK 2H/42
GTIN (EAN)	4008190071530
Qty.	1 pc(s).

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Catalogue status 09.09.2022 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Depth	66 mm	Depth (inches)	2.598 inch
Height	45 mm	Height (inches)	1.772 inch
Width	121 mm	Width (inches)	4.764 inch
Net weight	180 g		

Temperatures

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

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

Connection (field side)	LPK 2H 5.08mm	Connection on control side	Plug-in connector in acc. with IEC60603-13 / DIN41651
Earthing	Yes	Number of poles (control side)	40-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.	1.5 mm ²	Clamping range, min.	0.15 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
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

Data sheet**RS F40 LPK 2H/42**

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Technical data**Approvals**

Approvals



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Catalogues

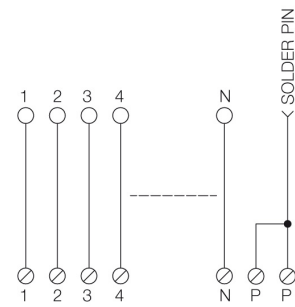
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Drawings



N: Number of poles