

RS ELCO
RS ELCOF 56/56RM S**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 16
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ELCO contacts inserts are used in electrical power plants, refineries and a variety of process applications – wherever stable and reliable signal transmission is required. The ELCO connector features both a reliable connection system and a high signal capacity.

The line of RS ELCO interfaces and pre-assembled PAC ELCO cables is a specially designed solution for these requirements.

General ordering data

Type	RS ELCOF 56/56RM S
Order No.	1480780000
Version	Interface, RS ELCO, ELCO plug-in connector, 56, LP2N 5.08mm
GTIN (EAN)	4050118289640
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Length	155 mm	Length (inches)	6.102 inch
Width	70 mm	Width (inches)	2.756 inch
Height	60 mm	Height (inches)	2.362 inch
Net weight	175 g		

Temperatures

Operating temperature	-25...50 °C	Storage temperature	-40...60 °C
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Connection Data

Connection on control side	ELCO plug-in connector	Number of poles (control side)	56-pole female
Contact material (control side)	Phosphor bronze alloy	Polarity hardware codification	1
Connection (field side)	LP2N 5.08mm	Number of poles (field side)	56 P
Earthing	No		

Rating data

Rated voltage	150 V AC / 200 V DC	Rated current per connection	5 A
Total operating current	280 A		

Insulation coordination (EN50178)

According to	DIN EN 50178	Rated insulation voltage	< 150 V AC
Surge voltage category	II	Pollution severity level	2
Pulse voltage test (1,2/50µs)	2.5 kV	Insulation test voltage	0.8 kVAC

Connection field

Type of connection	Clamping yoke connection	Clamping range, min.	0.13 mm ²
Clamping range, max.	6 mm ²	Solid, min. H05(07) V-U	0.5 mm ²
Solid, max. H05(07) V-U	6 mm ²	Flexible, min. H05(07) V-K	0.5 mm ²
Flexible, max. H05(07) V-K	4 mm ²	Flexible with sleeve, max.	2.5 mm ²
Flexible with sleeve, min.	0.5 mm ²	Sleeve with plastic collar, max.	2.5 mm ²
Min. wire cross-section, AWG	AWG 12	Max. wire cross-section, AWG	AWG 26
Tightening torque, min.	0.5 Nm	Tightening torque, max.	0.6 Nm
Stripping length	6 mm		

Classifications

ETIM 4.0	EC000237	ETIM 6.0	EC002780
eClass 6.2	27-14-11-52	eClass 9.1	27-14-11-52

Product information

Descriptive text technical data	Polariser in position 1
Descriptive text accessories	Refer to the "PAC-ELCO universal cables" section in this chapter

Approvals

Approvals



Creation date October 30, 2017 9:31:23 PM CET

Catalogue status 20.10.2017 / We reserve the right to make technical changes.

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Data sheet

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Technical data

Downloads

User Documentation

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Drawings

