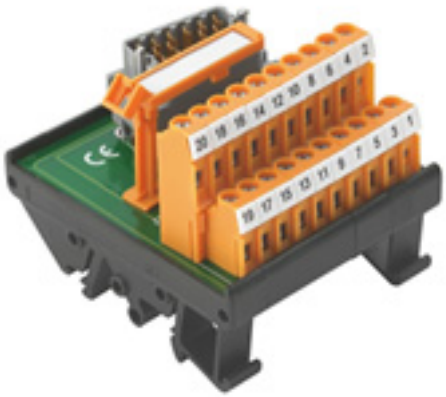
RS ELCO
RS ELCO 56/56LM S

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com



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 ELCO 56/56LM S
Order No.	1126790000
GTIN (EAN)	4032248908288
Qty.	1 pc(s).

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Technische Daten

Dimensions and weights

Length	155 mm	Width	70 mm
Height	60 mm	Net weight	175 g

Temperatures

Operating temperature	-25...+50°C	Storage temperature	-40...+60 °C

Connection Data

Connection on control side	ELCO plug-in connector	Number of poles (control side)	56-pole plug
Contact material (control side)	Phosphor bronze alloy	Polarity hardware codification	1
Connector alignment	Left	Connection (field side)	LP2N 5.08mm
Number of poles (field side)	56 P		

Rating data

Rated voltage	150 V AC / 200 V DC	Rated current per connection	1.5 A
Total operating current	84 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	Screw connection	Clamping range, min.	0.13 mm²
Clamping range, max.	6 mm²	Solid, min. H05(07) V-U	0.5 mm²
Solid, max. H05(07) V-U	6 mm²	Flexible, min. H05(07) V-K	0.5 mm²
Flexible, max. H05(07) V-K	4 mm²	Flexible with sleeve, max.	2.5 mm²
Flexible with sleeve, min.	0.5 mm²	Sleeve with plastic collar, max.	2.5 mm²
Min. wire cross-section, AWG [field]	AWG 26	Max. wire cross-section, AWG [field]	AWG 12
Tightening torque, min.	0.5 Nm	Tightening torque, max.	0.6 Nm
Stripping length	6 mm		

Classifications

eClass 6.2	27-24-22-04	eClass 7.1	27-24-22-04

Product information

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

Approvals

Approvals	
ROHS	Conform

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Technische Daten

Downloads

PDF	Table of connections

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Zeichnungen

