

**RS ELCO**  
**RS ELCO 56/56LM S****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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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.	<a href="#">1126790000</a>
Version	Interface, RS ELCO, ELCO plug-in connector, 56, LP2N 5.08mm
GTIN (EAN)	4032248908288
Qty.	1 pc(s).

Creation date May 1, 2020 10:33:49 PM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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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	1,154.115 g		

**Temperatures**

Operating temperature, max.	50 °C	Operating temperature, min.	-25 °C
Storage temperature, max.	60 °C	Storage temperature, min.	-40 °C
Operating temperature	-25...50 °C	Storage temperature	-40...60 °C

**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
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**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 mm <sup>2</sup>
Clamping range, max.	6 mm <sup>2</sup>	Solid, min. H05(07) V-U	0.5 mm <sup>2</sup>
Solid, max. H05(07) V-U	6 mm <sup>2</sup>	Flexible, min. H05(07) V-K	0.5 mm <sup>2</sup>
Flexible, max. H05(07) V-K	4 mm <sup>2</sup>	Flexible with sleeve, max.	2.5 mm <sup>2</sup>
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		

**Data sheet****RS ELCO  
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**Technical data****Approvals**

Approvals



ROHS

Conform

**Downloads**Approval/Certificate/Document of  
Conformity[K338\\_01\\_11.pdf](#)

Brochure/Catalogue

[CAT 4.5 ELECTR 16/17 EN](#)

User Documentation

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**Data sheet**

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**Drawings**

