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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 1429-0

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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.	<a href="#">1480780000</a>
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 <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 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



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**Data sheet**

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**Technical data**

**Downloads**

User Documentation

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**Drawings**

