

**RS ELCO  
RS ELCO 56/56RM Z**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
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Germany  
Fon: +49 5231 14-0  
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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 ELCO 56/56RM Z
Order No.	<a href="#">1126780000</a>
GTIN (EAN)	4032248908363
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
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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	Right	Connection (field side)	LM2NZF 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	Tension clamp connection	Clamping range, min.	0.13 mm <sup>2</sup>
Clamping range, max.	2.5 mm <sup>2</sup>	Solid, min. H05(07) V-U	0.2 mm <sup>2</sup>
Solid, max. H05(07) V-U	2.5 mm <sup>2</sup>	Flexible, min. H05(07) V-K	0.2 mm <sup>2</sup>
Flexible, max. H05(07) V-K	1.5 mm <sup>2</sup>	Flexible with sleeve, max.	1.5 mm <sup>2</sup>
Flexible with sleeve, min.	0.25 mm <sup>2</sup>	Sleeve with plastic collar, max.	1.5 mm <sup>2</sup>
Min. wire cross-section, AWG [field]	AWG 24	Max. wire cross-section, AWG [field]	AWG 14
Stripping length	7.5 mm		

### Classifications

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

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## Technische Daten

### Downloads

PDF

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**Zeichnungen**

