

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

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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**

Version	Interface, RS ELCO, ELCO plug-in connector, 56, LP2N 5.08mm
Order No.	<a href="#">1480790000</a>
Type	RS ELCOF 56/56LM S
GTIN (EAN)	4050118289626
Qty.	1 pc(s).

Creation date January 26, 2022 3:51:25 AM CET

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## Technical data

## Dimensions and weights

Depth	60 mm	Depth (inches)	2.362 inch
Height	70 mm	Height (inches)	2.756 inch
Width	155 mm	Width (inches)	6.102 inch
Net weight	987.681 g		

## Temperatures

Storage temperature	-40...60 °C	Operating temperature	-25...50 °C
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## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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## Connection Data

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

## 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

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

## Classifications

ETIM 6.0	EC002780	ETIM 7.0	EC002780
ETIM 8.0	EC002780	ECLASS 9.0	27-14-11-52
ECLASS 9.1	27-14-11-52	ECLASS 10.0	27-14-11-52
ECLASS 11.0	27-14-11-52		

## Approvals

Approvals



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Catalogue status 14.01.2022 / We reserve the right to make technical changes.

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**Technical data****Downloads**

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Approval/Certificate/Document of Conformity	<a href="#">Declaration of Conformity</a>
User Documentation	<a href="#">Table of connections</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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