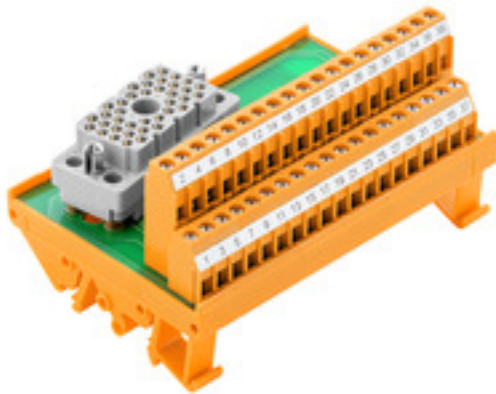


RS ELCOF 38/38LM S**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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, 38, LP2N 5.08mm
Order No.	1480770000
Type	RS ELCOF 38/38LM S
GTIN (EAN)	4050118289527
Qty.	1 pc(s).

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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	105 mm	Width (inches)	4.134 inch
Net weight	200 g		

Temperatures

Storage temperature	-40...60 °C	Operating temperature	-25...50 °C
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Connection Data

Connection (field side)	LP2N 5.08mm	Connection on control side	ELCO plug-in connector
Connector alignment	Left	Contact material (control side)	Phosphor bronze alloy
Earthing	No	Number of poles (control side)	38-pole female
Polarity hardware codification	1		

Rating data

Rated voltage	150 V AC / 200 V DC	Rated current per connection	1.5 A
Total operating current	57 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 AC	0.8 kV

Connection field

Clamping range, max.	6 mm ²	Clamping range, min.	0.5 mm ²
Flexible with sleeve, max.	2.5 mm ²	Flexible with sleeve, min.	0.5 mm ²
Flexible, max. H05(07) V-K	4 mm ²	Flexible, min. H05(07) V-K	0.5 mm ²
Max. wire cross-section, AWG	AWG 26	Min. wire cross-section, AWG	AWG 12
Sleeve with plastic collar, max.	2.5 mm ²	Solid, max. H05(07) V-U	6 mm ²
Solid, min. H05(07) V-U	0.5 mm ²	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	ETIM 9.0	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
ECLASS 12.0	27-14-11-52	ECLASS 13.0	27-14-11-52

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	7b5ffb72-271d-4c73-8b09-bd0aeee3697a

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Technical data

Approvals

Approvals



Downloads

Approval/Certificate/Document of Con-
formity

[Declaration of Conformity](#)

User Documentation

[Table of connections](#)

Catalogues

[Catalogues in PDF-format](#)

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Drawings

