RS ELCO 38/38LM Z

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



Similar to illustration

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, LM2NZF 5.08mm
Order No.	1126680000
Type	RS ELCO 38/38LM Z
GTIN (EAN)	4032248908332
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	187 g		

Temperatures

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

Connection Data

Connection (field side)	LM2NZF 5.08mm	Connection on control side	ELCO plug-in connector
Connector alignment	Left	Contact material (control side)	Phosphor bronze alloy
Number of poles (control side)	38-pole plug	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.	2.5 mm²	Clamping range, min.	0.13 mm²
Flexible with sleeve, max.	1.5 mm²	Flexible with sleeve, min.	0.25 mm²
Flexible, max. H05(07) V-K	1.5 mm²	Flexible, min. H05(07) V-K	0.2 mm²
Max. wire cross-section, AWG	AWG 14	Min. wire cross-section, AWG	AWG 24
Sleeve with plastic collar, max.	1.5 mm²	Solid, max. H05(07) V-U	2.5 mm²
Solid, min. H05(07) V-U	0.2 mm²	Stripping length	7.5 mm
Type of connection	Tension-clamp 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
ECLASS 14.0	27-14-11-52		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	7b5ffb72-271d-4c73-8b09-bd0aaee3697a
RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c

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Technical data

Approvals

Approvals	
ROHS	Conform

Downloads

Approval/Certificate/Document of Conformity	K338_01_11.pdf
User Documentation	Table of connections
Catalogues	Catalogues in PDF-format
Brochures	

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Drawings

