

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 items
Delivery status	Discontinued

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

Depth	60 mm	Depth (inches)	2.3622 inch
Height	70 mm	Height (inches)	2.7559 inch
Width	105 mm	Width (inches)	4.1338 inch
Net weight	187 g		

Temperatures

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

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

Connection Data

Number of poles (control side)	38-pole plug	Polarity hardware codification	1
Connection (field side)	LM2NZF 5.08mm	Connector alignment	Left
Contact material (control side)	Phosphor bronze alloy	Connection on control side	ELCO plug-in connector

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

Min. wire cross-section, AWG	AWG 24	Type of connection	Tension-clamp connection
Sleeve with plastic collar, max.	1.5 mm ²	Flexible with sleeve, min.	0.25 mm ²
Flexible with sleeve, max.	1.5 mm ²	Flexible, max. H05(07) V-K	1.5 mm ²
Flexible, min. H05(07) V-K	0.2 mm ²	Solid, max. H05(07) V-U	2.5 mm ²
Solid, min. H05(07) V-U	0.2 mm ²	Stripping length	7.5 mm
Clamping range, max.	2.5 mm ²	Clamping range, min.	0.13 mm ²
Max. wire cross-section, AWG	AWG 14		

Classifications

ETIM 8.0	EC002780	ETIM 9.0	EC002780
ETIM 10.0	EC002780	ECLASS 14.0	27-14-11-52

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Catalogue status / Drawings

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ECLASS 15.0

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Drawings

