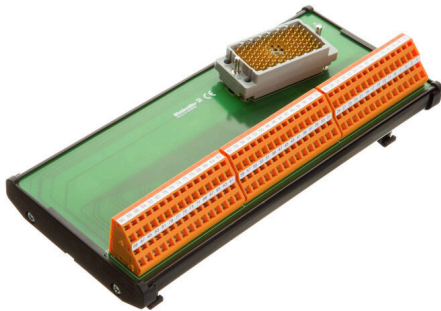


RS ELCO 90/90LM Z**Weidmüller Interface GmbH & Co. KG**Klingenbergstraße 26
D-32758 Detmold
Germany

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, 90, LM2NZF 5.08mm
Order No.	1126880000
Type	RS ELCO 90/90LM Z
GTIN (EAN)	4032248908523
Qty.	1 items
Delivery status	Discontinued

RS ELCO 90/90LM Z

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Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

Depth	76 mm	Depth (inches)	2.9921 inch
Height	109 mm	Height (inches)	4.2913 inch
Width	242 mm	Width (inches)	9.5275 inch
Net weight	555 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)	90-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	0.5 A
Total operating current	45 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

Creation date 17.02.2026 05:29:59 MEZ

Catalogue status / Drawings

Technical data

ECLASS 15.0

27-14-11-52

Drawings

