

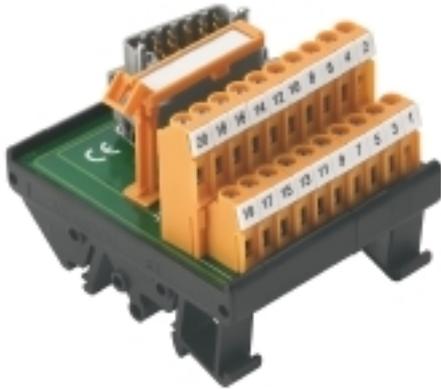
**RS ELCO 20/20RM S****Weidmüller Interface GmbH & Co. KG**

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, 20, LP2N 5.08mm
Order No.	<a href="#">1126610000</a>
Type	RS ELCO 20/20RM S
GTIN (EAN)	4032248908219
Qty.	1 pc(s).

## RS ELCO 20/20RM 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	60 mm	Width (inches)	2.362 inch
Net weight	105.6 g		

### Temperatures

Storage temperature	-40...60 °C	Operating temperature	-25...50 °C
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### Rated data UL

Operating temperature UL, max.	50 °C	Operating temperature UL, min.	-25 °C
Rated current $I_N$	1.5 A	Rated voltage $U_N$	150 V AC / 200 V DC

### Connection Data

Connection (field side)	LP2N 5.08mm	Connection on control side	ELCO plug-in connector
Contact material (control side)	Phosphor bronze alloy	Number of poles (control side)	20-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	30 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 <sup>2</sup>	Clamping range, min.	0.5 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 12	Min. wire cross-section, AWG	AWG 26
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	Screw connection		

### Classifications

ETIM 6.0	EC002780	ETIM 7.0	EC002780
ETIM 8.0	EC002780	ETIM 9.0	EC002780
ETIM 10.0	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
ECLASS 15.0	27-14-11-52		

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**Technical data****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-bd0aeee3697a

**Approvals**

Approvals



Approvals MAMID	<a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319262/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319262/-T1z1mm-S800/</a>
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E141197

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">K338_01_11.pdf</a>
Product Change Notification	<a href="#">20220822 Technical change to RS ELCO modules</a>
User Documentation	<a href="#">Table of connections</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

**Data sheet**

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**Drawings**

