

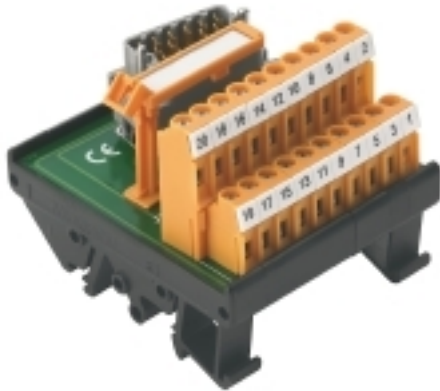
**RS ELCO 38/38RM S****Weidmüller Interface GmbH & Co. KG**

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, LP2N 5.08mm |
| Order No.  | <a href="#">1126650000</a>                                  |
| Type       | RS ELCO 38/38RM S   |
| GTIN (EAN) | 4032248908240   |
| Qty.       | 1 pc(s).  |

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Catalogue status 03.03.2023 / We reserve the right to make technical changes.

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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 |
| Operating temperature, min. | -25 °C      | Operating temperature, max. | 50 °C       |

### Connection Data

|                                |              |                                 |                        |
|--------------------------------|--------------|---------------------------------|------------------------|
| Connection (field side)        | LP2N 5.08mm  | Connection on control side      | ELCO plug-in connector |
| Connector alignment            | Right        | 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  | 0.8 kVAC   |

### 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    | 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 |

### Environmental Product Compliance

|            |                                      |
|------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1                       |
| SCIP       | 7b5ffb72-271d-4c73-8b09-bd0aaee3697a |

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## Technical data

### Approvals

Approvals



ROHS

Conform

### Downloads

Approval/Certificate/Document of  
Conformity

[K338\\_01\\_11.pdf](#)

Engineering Data

[CAD data – STEP](#)

Product Change Notification

[20220822 Technical change to RS ELCO modules](#)

User Documentation

[Table of connections](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

**Data sheet**

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**Drawings**

