

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

Klingenbergstraße 16

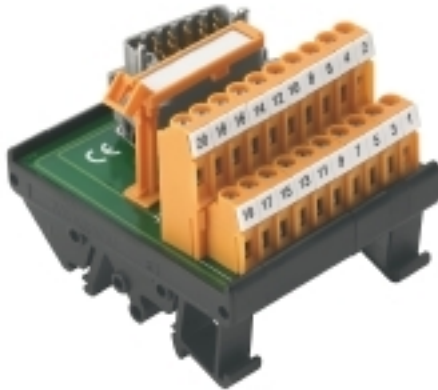
D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

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**

|            |                                                             |
|------------|-------------------------------------------------------------|
| Type       | RS ELCO 38/38LM S                                           |
| Order No.  | <a href="#">1126670000</a>                                  |
| Version    | Interface, RS ELCO, ELCO plug-in connector, 38, LP2N 5.08mm |
| GTIN (EAN) | 4032248908325                                               |
| Qty.       | 1 pc(s).                                                    |

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## Technical data

### Dimensions and weights

|            |        |                 |            |
|------------|--------|-----------------|------------|
| Length     | 105 mm | Length (inches) | 4.134 inch |
| Width      | 70 mm  | Width (inches)  | 2.756 inch |
| Height     | 60 mm  | Height (inches) | 2.362 inch |
| Net weight | 204 g  |                 |            |

### Temperatures

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

### Connection Data

|                                 |                        |                                |              |
|---------------------------------|------------------------|--------------------------------|--------------|
| Connection on control side      | ELCO plug-in connector | Number of poles (control side) | 38-pole plug |
| Contact material (control side) | Phosphor bronze alloy  | Polarity hardware codification | 1            |
| Connector alignment             | Left                   | Connection (field side)        | LP2N 5.08mm  |
| Number of poles (field side)    | 38 P                   |                                |              |

### 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

|                              |                     |                                  |                      |
|------------------------------|---------------------|----------------------------------|----------------------|
| Type of connection           | Screw connection    | Clamping range, min.             | 0.13 mm <sup>2</sup> |
| Clamping range, max.         | 6 mm <sup>2</sup>   | Solid, min. H05(07) V-U          | 0.5 mm <sup>2</sup>  |
| Solid, max. H05(07) V-U      | 6 mm <sup>2</sup>   | Flexible, min. H05(07) V-K       | 0.5 mm <sup>2</sup>  |
| Flexible, max. H05(07) V-K   | 4 mm <sup>2</sup>   | Flexible with sleeve, max.       | 2.5 mm <sup>2</sup>  |
| Flexible with sleeve, min.   | 0.5 mm <sup>2</sup> | Sleeve with plastic collar, max. | 2.5 mm <sup>2</sup>  |
| Min. wire cross-section, AWG | AWG 26              | Max. wire cross-section, AWG     | AWG 12               |
| Tightening torque, min.      | 0.5 Nm              | Tightening torque, max.          | 0.6 Nm               |
| Stripping length             | 6 mm                |                                  |                      |

### Classifications

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 4.0   | EC001421    | ETIM 5.0   | EC001421    |
| ETIM 6.0   | EC002780    | eClass 6.2 | 27-24-22-04 |
| eClass 7.1 | 27-14-11-52 | eClass 8.1 | 27-14-11-52 |
| eClass 9.0 | 27-14-11-52 | eClass 9.1 | 27-14-11-52 |

### Product information

|                                 |                                                               |
|---------------------------------|---------------------------------------------------------------|
| Descriptive text technical data | Polarizer in position 1                                       |
| Descriptive text accessories    | Refer to the "Universal cables PAC-ELCO" section in chapter F |

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## Technical data

### Approvals

Approvals



ROHS

Conform

### Downloads

Approval/Certificate/Document of  
Conformity

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

Brochure/Catalogue

[CAT 4.5 ELECTR 16/17 EN](#)

User Documentation

[Table of connections](#)

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## Drawings

