

**CH-SMR-00.33-ECS180****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

Base counter, gateway, control box and overvoltage protection device are connected with pre-assembled cable sets as point-to-point or Y-assembly. Weidmüller offers the right connection solutions for this, conforming to FNN and DIN-VDE 0603 standards. Pre-assembled power cables with 6kV overvoltage protection round up the portfolio.

**General ordering data**

|            |  |
|------------|--|
| Version    | Smart Metering Cable Assemblies, 6 kV, IP30, in plugged and mounted condition, 300 V, Li9YH 1 x 0,75, 0.33 m |
| Order No.  | <a href="#">2924850033</a>   |
| Type       | CH-SMR-00.33-ECS180  |
| GTIN (EAN) | 4099986795723  |
| Qty.       | 10 pc(s).  |

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**Technical data****Dimensions and weights**

|            |          |
|------------|----------|
| Net weight | 11.774 g |
|------------|----------|

**General Technical Data**

|                        |        |                                 |  |
|------------------------|--------|---------------------------------|--|
| Applications           | Indoor | Number of poles                 | 2                                      |
| Pollution severity     | 3      | Protection degree               | IP30, in plugged and mounted condition |
| Rated current          | 9 A    | Rated impulse withstand voltage | 6 kV                                   |
| Rated voltage          | 300 V  | Standards                       | DIN VDE 0603-100                       |
| Surge voltage category | III    |                                 |  |

**Technical Specifications Connector**

|           |                                 |             |
|-----------|---------------------------------|-------------|
| Connector | Connector description           | Connector 1 |
|           | Cable entry                     | straight    |
|           | Housing main material           | PA          |
|           | Number of poles                 | 2           |
|           | Type                            | Male        |
|           | Individual components connector |             |
|           | Connector description           | Connector 6 |
|           | Cable entry                     | straight    |
|           | Number of poles                 | 2           |
|           | Individual components connector |             |

**Technical specifications for cable**

|                                     |                      |                                     |                    |
|-------------------------------------|----------------------|-------------------------------------|--------------------|
| Bending radius, min., moving        | 15 x cable diameter  | Bending radius, min., stationary    | 8 x cable diameter |
| Cable Material                      | Polyolefine          | Cable length                        | 0.33 m             |
| Core cross-section                  | 0.75 mm <sup>2</sup> | Halogen                             | No                 |
| Insulation                          | PP                   | Line type                           | Li9YH 1 x 0,75     |
| Number of wires                     | 2                    | Outside diameter                    | 2.35 mm ± 0.15 mm  |
| Resistance to oils                  | No                   | Sheathing colour                    | black / blue       |
| Shielded                            | No                   | Temperature range, moving, max.     | 90 °C              |
| Temperature range, moving, min.     | -25 °C               | Temperature range, stationary, max. | 90 °C              |
| Temperature range, stationary, min. | -30 °C               |                                     |                    |

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC001576    | ETIM 7.0    | EC001576    |
| ETIM 8.0    | EC001576    | ETIM 9.0    | EC001576    |
| ECLASS 9.0  | 27-06-04-02 | ECLASS 9.1  | 27-06-91-90 |
| ECLASS 10.0 | 27-06-04-02 | ECLASS 11.0 | 27-06-04-02 |
| ECLASS 12.0 | 27-06-04-02 | ECLASS 13.0 | 27-06-04-02 |
| ECLASS 14.0 | 27-06-04-02 |             |             |

**Environmental Product Compliance**

|                        |                             |
|------------------------|-----------------------------|
| REACH SVHC             | /                           |
| RoHS Compliance Status | Compliant without exemption |

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|                |  |
|----------------|--|
| IPC conformity | Conformity: The products are developed, manufactured and delivered according international recognized standards and norms and comply with the assured properties in the data sheet resp. fulfill decorative properties in accordance with IPC-A-610 "Class 2". Further claims on the products can be evaluated on request. |
| Notes          | unenclosed connector, without breaking capacity (COC), acc. DIN EN 61984 (VDE 0627)  |

**Approvals**

|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

**Downloads**

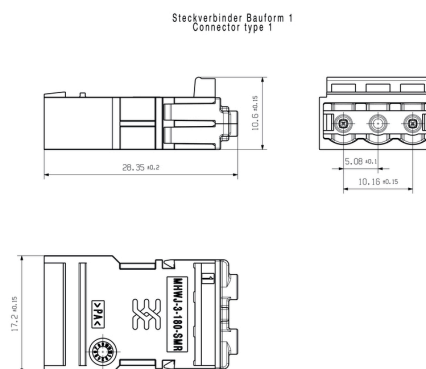
|            |  |
|------------|--|
| Catalogues | <a href="#">Catalogues in PDF-format</a> |
|------------|--|

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[www.weidmueller.com](http://www.weidmueller.com)**Drawings****Dimensional drawing****Dimensional drawing**

Steckverbinder Bauform 6  
Connector type 6  
2x H0.75/180

