

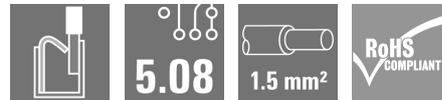
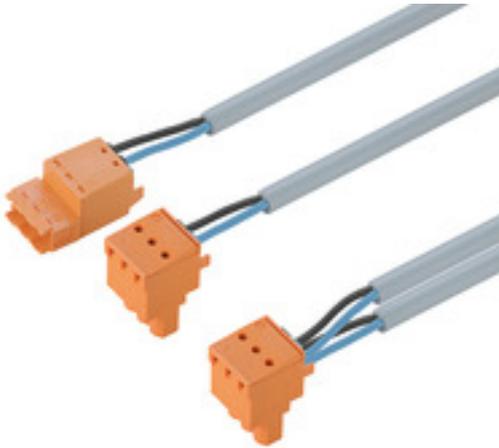
CH-SMC-00.33-Y3C90**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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, Pin, Socket connector, IP20, 400 V, KB PUR US 2X1.5 GY XX 6KV, 0.33 m |
| Order No. | 2775960033 |
| Type | CH-SMC-00.33-Y3C90 |
| GTIN (EAN) | 4064675041092 |
| Qty. | 10 pc(s). |

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Technical data

Dimensions and weights

Net weight 4.048 g

General Technical Data

| | | | |
|-----------------|--------|---------------------------------|------|
| Number of poles | 2 | Protection degree | IP20 |
| Rated current | 18.5 A | Rated impulse withstand voltage | 6 kV |
| Rated voltage | 400 V | | |

Technical Specifications Connector

| | | |
|-----------|---------------------------------|--|
| Connector | Connector description | Connector 1 |
| | Cable entry | straight |
| | Housing main material | Plastic |
| | Number of poles | 3 |
| | Type | Male |
| | Individual components connector | SLF 5.08/03/180B SN OR BX SO |
| | Connector description | Connector 2 |
| | Cable entry | angled |
| | Housing main material | Plastic |
| | Number of poles | 3 |
| Connector | Type | Female |
| | Individual components connector | BLF 5.08HC/03/90 SN OR BX SO |
| | Connector description | Connector 3 |
| | Cable entry | angled |
| | Housing main material | Plastic |
| | Number of poles | 3 |
| | Type | Female |
| | Individual components connector | BLF 5.08HC/03/90 SN OR BX SO |

Technical specifications for cable

| | | | |
|-------------------------------------|---------------------|-------------------------------------|---------------------------|
| Bending radius, min., moving | 15 x cable diameter | Bending radius, min., stationary | 10 x cable diameter |
| Cable Material | PUR/ TPE | Cable length | 0.33 m |
| Core cross-section | 1.5 mm ² | Halogen | No |
| Insulation | PP | Line type | KB PUR US 2X1.5 GY XX 6KV |
| Number of wires | 2 | Outside diameter | 6.4 mm ± 0.25 mm |
| Sheathing colour | grey | Shielded | No |
| Temperature range, moving, max. | 90 °C | Temperature range, moving, min. | -25 °C |
| Temperature range, stationary, max. | 90 °C | Temperature range, stationary, min. | -40 °C |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC001576 | ETIM 7.0 | EC001576 |
| ETIM 8.0 | EC001576 | ETIM 9.0 | EC001576 |
| ETIM 10.0 | 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 |
| ECLASS 15.0 | 27-06-04-02 | | |

Approvals

ROHS Conform

Creation date July 12, 2025 5:21:04 AM CEST

Catalogue status 04.07.2025 / We reserve the right to make technical changes.

Data sheet**CH-SMC-00.33-Y3C90****Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 26
D-32758 Detmold
Germanywww.weidmueller.com**Technical data****Environmental Product Compliance**

| | |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC | No SVHC above 0.1 wt% |

Downloads

| | |
|------------|--|
| Catalogues | Catalogues in PDF-format |
|------------|--|

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Drawings

