

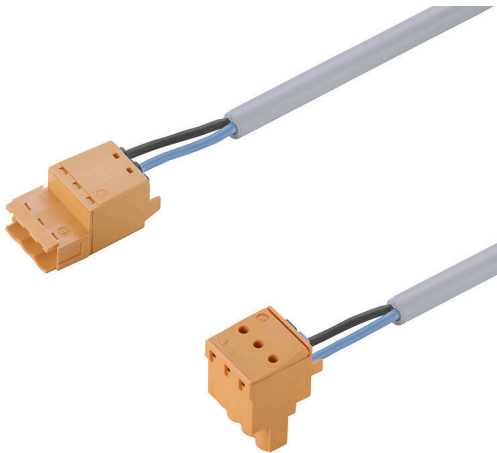
**CH-SMC-00.33-AB90****Weidmüller Interface GmbH & Co. KG**

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.  | <a href="#">2776030033</a>   |
| Type       | CH-SMC-00.33-AB90  |
| GTIN (EAN) | 4064675041085  |
| Qty.       | 10 items   |

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## Technical data

## Approvals

ROHS Conform

## Dimensions and weights

Net weight 4.93 g

## Environmental Product Compliance

RoHS Compliance Status Compliant without exemption

REACH SVHC No SVHC above 0.1 wt%

## General Technical Data

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

## Technical Specifications Connector

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

## Technical specifications for cable

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

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC001576    | ETIM 9.0    | EC001576    |
| ETIM 10.0   | EC001576    | ECLASS 14.0 | 27-06-04-02 |
| ECLASS 15.0 | 27-06-04-02 |             |             |

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Drawings

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