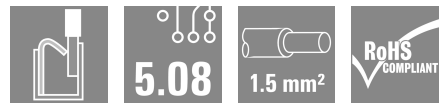
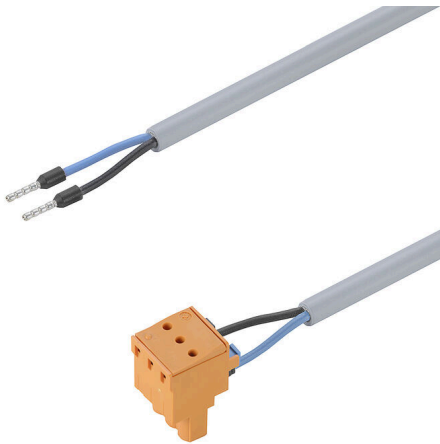


**CH-SMC-00.60-ECB90****Weidmüller Interface GmbH & Co. KG**Klingenbergstraße 26  
D-32758 Detmold  
Germany

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, Socket connector, IP20, 600 V, KB PUR US 2X1.5 GY XX 6KV, 0.6 m |
| Order No.  | <a href="#">2817650060</a>   |
| Type       | CH-SMC-00.60-ECB90   |
| GTIN (EAN) | 406467532305 1   |
| Qty.       | 10 items   |

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## Technical data

## Approvals

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

## Dimensions and weights

|          |        |            |        |
|----------|--------|------------|--------|
| Diameter | 6.4 mm | Net weight | 40.8 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   | 600 V | Nominal current                 | 18.5 A |
| Protection degree | IP20  |                                 |        |

## Technical Specifications Connector

|                                 |                                   |  |
|---------------------------------|-----------------------------------|--|
| Connector                       | Connector description             | Connector 1                                  |
|                                 | 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> |
|                                 | Connector description             | Connector 2                                  |
|                                 | Cable entry                       | straight                                     |
|                                 | Housing main material             | Plastic                                      |
|                                 | Number of poles                   | 1  |
| Individual components connector | <a href="#">H1.5/16S R BD GSP</a> |  |

## Technical specifications for cable

|                                     |                     |                                     |                           |
|-------------------------------------|---------------------|-------------------------------------|---------------------------|
| Cable length                        | 0.6 m               | Line type                           | KB PUR US 2X1.5 GY XX 6KV |
| Sheathing colour                    | grey                | Resistance to oils                  | Yes                       |
| 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.     | -30 °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 |             |             |

Drawings

