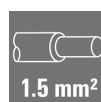
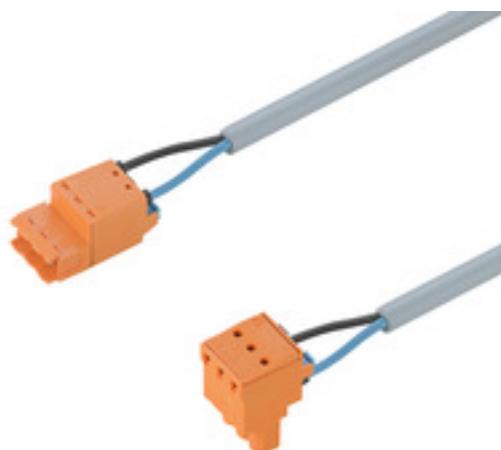


CH-SMC-00.80-CG90**Weidmüller Interface GmbH & Co. KG**

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, 0.8 m |
| Order No. | 2775910080 |
| Type | CH-SMC-00.80-CG90 |
| GTIN (EAN) | 4064675329732 |
| Qty. | 10 pc(s). |

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Technical data

Dimensions and weights

| | |
|------------|------|
| Net weight | 93 g |
|------------|------|

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 | 0.8 m |
| Core cross-section | 1.5 mm ² | Halogen | No |
| Insulation | PP | Number of poles | 2 |
| Number of wires | 2 | Outside diameter | 6.4 mm ± 0.25 mm |
| Sheathing colour | grey | Shielded | No |
| Temperature range, moving | -25...90 °C | Temperature range, stationary | -40...90 °C |

General technical data

| | | | |
|-------------------|-------|---------------|------------------|
| Protection degree | IP20 | Rated current | 18.5 A |
| Rated voltage | 600 V | Version | Socket connector |

General Technical Data

| | | | |
|-----------------|--------|---------------------------------|------|
| Number of poles | 2 | Protection degree | IP20 |
| Rated current | 18.5 A | Rated impulse withstand voltage | 6 kV |
| Rated voltage | 600 V | | |

Technical Specifications Connector

| | | |
|-----------|---------------------------------|--------|
| Connector | Number of poles | 2 |
| | Individual components connector | |
| | Number of poles | 2 |
| | Type | Female |
| | Individual components connector | |

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 | 0.8 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 | -25...90 °C | Temperature range, moving, max. | 90 °C |
| Temperature range, moving, min. | -25 °C | Temperature range, stationary | -40...90 °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 |
| 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 |

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Technical data

Approvals

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

Downloads

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

www.weidmueller.com

Drawings

