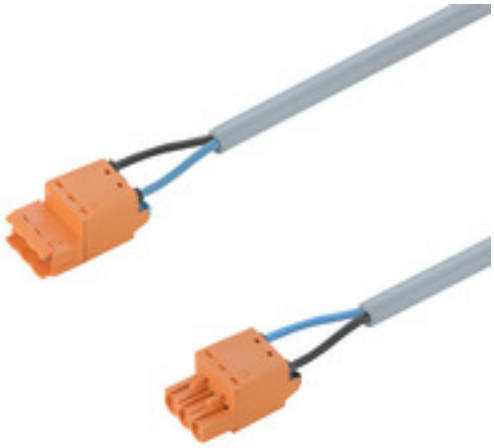
CH-SMC-00.33-OVP180

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, 600 V, KB PUR US 2X1.5 GY XX 6KV, 0.33 m
Order No.	2853620033
Type	CH-SMC-00.33-OVP180
GTIN (EAN)	4064675477518
Qty.	10 pc(s).

Creation date December 4, 2023 8:55:29 AM CET

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Technical data

Dimensions and weights

Net weight	1 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	0.33 m
Core cross-section	1.5 mm²	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	Pin, 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	Connector description	Connector 1
	Cable entry	straight
	Housing main material	Plastic
	Number of poles	3
	Type	Male
	Individual components connector	SLF 5.08/03/180 SN OR BX SO
	Connector description	Connector 2
	Cable entry	straight
	Housing main material	Plastic
	Number of poles	3
	Type	Female
	Individual components connector	BLF 5.08HC/03/180 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 mm²	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

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Technical data

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	27060402

Approvals

ROHS	Conform

Downloads

Catalogues	Catalogues in PDF-format

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Drawings

