

SL 806 C

TPE/PUR control cable with numbered cores for continuous movement



Marking for SL 806 C 08060407

SAB BRÖCKSKES · D-VIERSEN · SL 806 C 4 x 0,75 mm² + 2 x (2 x 0,34 mm²) €

Construction:

Conductor:	bare copper strands acc. to IEC 60228, EN 60228, VDE 0295, class 5 < 0,50 mm² with reference to DIN VDE 0812
Insulation:	control cores: PE L/MD acc. to VDE 0819 part 103 supply cores: PVC TI2 acc. to DIN VDE 0281 part 1 + HD 21.1
Colour code:	black cores with consecutive numbers acc. to EN 50334; (except 0,34 mm² = coloured) and a green-yellow earth wire
Stranding:	control cores 0,34 mm² - 1,5 mm² twisted to pairs
Screen:	pairs wrapped with Alu-foil, tinned copper braid
Wrapping:	pairs with PETP foil
Stranding:	screened control pairs and supply cores twisted together in layers
Wrapping:	non-woven tape
Screen:	tinned copper braiding
Sheath material:	PVC, TM2 acc. to DIN VDE 0281 part 1 + HD 21.1
Sheath colour:	grey (RAL 7000)

Technical data:

Nominal voltage:	supply cores U _o /U 0.6/1 kV
Peak operating voltage:	control cores max. 500 V
Testing voltage U:	supply cores 4000 V control cores 1500 V
Min. bending radius	
fixed laying:	5 x d
flexible application:	10 x d
Radiation resistance:	8 x 10 ⁷ cJ/kg
Temperature range	
fixed laying:	-30/+70 °C
flexible application:	-5/+70 °C
Oil resistance:	acc. to internal standard, see page N/15
Chem. resistance:	see page N/11
Absence of harmful substances:	acc. to RoHS directive of the European Union see page N/17

Outstanding features:

- very good EMC characteristics
- high functionality
- space-saving application
- good handling
- EAC approval

item no.	dimensions	AWG		largest single wire ø mm	outer-ø ± 10% mm	copper figure kg/km	cable weight ≈ kg/km
		supply cores	control cores (pairs)				
08060407	4 x 0,75 + 2 x (2 x 0,34)	19 / 4c	22 / 2pr	0,21/0,16	12,7	123,0	205
08060415	4 x 1,50 + 2 x (2 x 0,75)	16 / 4c	19 / 2pr	0,26/0,21	14,0	180,6	274
08060425	4 x 2,50 + 2 x (2 x 0,75)	14 / 4c	19 / 2pr	0,26/0,21	15,4	230,2	346
08060440	4 x 4,00 + (2 x 1,00) + (2 x 1,50)	12 / 4c	18 / 1pr + 16 / 1pr	0,31/0,21/0,26	17,2	349,1	473
08060460	4 x 6,00 + (2 x 1,00) + (2 x 1,50)	10 / 4c	18 / 1pr + 16 / 1pr	0,31/0,21/0,26	19,1	429,3	581
08060470	4 x 10,00 + 2 x (2 x 1,00)	8 / 4c	18 / 2pr	0,41/0,21	22,6	595,9	843
08060480	4 x 16,00 + 2 x (2 x 1,50)	6 / 4c	16 / 2pr	0,41/0,21	27,5	860,0	1197
08060490	4 x 25,00 + 2 x (2 x 1,50)	4 / 4c	16 / 2pr	0,41/0,26	31,5	1254,2	1690
08060495	4 x 35,00 + 2 x (2 x 1,50)	2 / 4c	16 / 2pr	0,41/0,26	35,2	1678,3	2340

Other dimensions and colours are possible on request.