

TrafoCable PURWIL, bandaged (TN-C)

141

CH-S1BQ-F

Flexible stranded 4 x 1 single-core polyurethane cable (EPR/PUR)

Technical Data

- Nominal voltage U₀/U 600/1000 V

Application

- Secondary outputs for transformers
- Utility companies
- Industry

Temperature range

-40°C ... +90°C

Construction

- Copper cord flex, cl. 5 (IEC 60228) finely stranded
- EPR insulation, black
- Core sheath polyurethane PUR
- 4 single-core stranded, 4L numbered
- wrapped

Jacket colour

Grey similar to RAL 7011

Standards

CPR fire reaction class Fca
 SEV TP20B/3C
 IEC 60754-2 No corrosive gases
 IEC 60754-1 Halogen free



Description

- Reduced installation time
- Low EMF radiation
- High short circuit stability between single cores
- min. bending radius:
 with tensile 15 x D,
 without tensile 10 x D

Technical data

Cross-section mm ²	Part no.	Conductor colour	Ø d1 approx. mm	Ø D approx. mm	Cu-number kg/km	Weight kg/km	Combustion energy MJ/m
4x1x150	23481	black	23.9	58.0	5760	6565	41.8
4x1x185	23479	black	25.4	61.6	7104	7910	47.3
4x1x240	23480	black	28.9	70.1	9216	9725	60.6
4x1x300	23485	black	33.4	81.0	11520	12980	75.6

Electrical data (max. current when laying in air at 30°C)

Cross-section mm ²	AC resistance by 60°C, 50 Hz Ω/km	Reactance at 50 Hz Ω/km	Impedance Z by 60°C, 50 Hz Ω/km	Max. charge Core temp. by 60°C A	Max. charge Core temp. by 90°C A
4x1x150	0.146	0.080	0.167	315	455
4x1x185	0.117	0.080	0.142	352	511
4x1x240	0.090	0.079	0.120	422	614
4x1x300	0.073	0.079	0.108	483	704