

G cord, 4 x 1 single-core

142

Flexible stranded G-rope, cross-linked, EPR

Temperature range

-40°C ... +90°C

Application

- Secondary outputs for transformers
- For installation in dry rooms

Standards

SEV TP20B/3C
CPR fire reaction class Fca

Construction

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

Description

- Reduced installation time
- Low EMF radiation
- High short circuit stability between single conductors
- 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 mm	Ø D approx. mm	Cu-number kg/km	Weight kg/km	Combustion energy MJ/m
4x185	23476	black	22.0 ± 0.3	53.5	7104	7297	29.1
4x240	23477	black	25.1 ± 0.3	61.0	9216	8910	35.6
4x300	23471	black	29.2 ± 0.3	71.0	11520	11985	44.4

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
4x185	0.118	0.072	0.138	322	471
4x240	0.091	0.071	0.115	387	567
4x300	0.074	0.071	0.103	443	651