Power cable < 1 kV, for flexible applications Highflex CC

Application

For flexible use in industrial environments, machine manufacturing, process control systems.

TECHNICAL DATA

TYPE CC

Conductor material
Copper, bare

Stranding element
No

Conductor category
Class 6 = very flexible

Core insulation material
Polyvinyl chloride (PVC)

Core identification
Numbers

Inner sheath
No

Screen over stranding element
None

Screen
No

Screen over stranding
None

Model
Round

Colour outer sheath
Grey

Material outer sheath
Polyvinyl chloride (PVC)

Flame retardant
In accordance with EN 60332-1-2

Torsion resistant
No

Halogen free (acc. EN 60754-1/2)
No

Oil resistant (acc. EN 60811-404)
No

Low smoke (acc. BS EN 61034-2)
No

Low temperature resistant (acc. EN 60811-504+505+506)
No

Permitted cable outer temperature during assembling/handling
-5°C to 70°C

Permitted cable outer temperature after assembling without vibration
-30°C to 70°C

Max. conductor temperature
70°C

Nominal voltage U0
300V

No. bending cycle
2000000

Core protection
No

Nominal voltage U
500V

Conductor surface
Bare

Shape of conductor
Round
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<th>Nominal cross sectional area of conductor (mm²)</th>
<th>Number of cores</th>
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<th>Outer diameter approx. (mm)</th>
<th>Bending radius (mm)</th>
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