Power cable < 1 kV, for fixed installations Tempflex NVS

Application

Flexible nickel cores with silicone-impregnated glass lappings. Wiring of heating elements, cartridges, bands and hot plates. Furnaces and industrial ovens, domestic electrical heating appliances.

TECHNICAL DATA

TYPE NVS

Standards

VERITAS certificate BV 153552, DIN 17753, DIN 17740, ASTM B160.

Remarks

Good resistance to thermal shock, ageing and usual chemical atmospheres.

Number of cores

1

Conductor category

Class 5 = flexible

Core insulation material

Rubber - silicone rubber (SIR)

Core identification

Colour

Max. conductor temperature

350°C

Protective conductor

No

Flame retardant

No

Screen

No

Drain wire

No

Suspension element

None

Low temperature resistant (acc. EN 60811-504+505+506)

No

Protective barrier

None

Oil resistant (acc. EN 60811-404)

No

Lead sheath

No

Armouring/reinforcement

None

Material outer sheath

Other

Permitted cable outer temperature after assembling without vibration: -60°C to 350°C

Nominal voltage U

500V

Halogen free (acc. EN 60754-1/2)

Yes

Low smoke (acc. BS EN 61034-2)

No

Insulation integrity

No

Nominal voltage U0

300V

Shape of conductor

Round

Conductor surface

Other

Twisted cores

No

Specification core insulation

Rubber - silicone rubber (SIR)

No
Specification material outer sheath  : Other
  : Round
Circuit integrity  : None
  : No
  : No
  : No
  : No
  : No
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