



D-PREN 155

Flexible halogen-free cable, extensively heat resistant

Konstrukce

- Tinned copper conductor according to DIN VDE 0295 and IEC 60228 cl. 5
- Core insulation - halogen-free polyolefin elastomer

Použití

These heat resistant single core cables are used for internal wiring in lighting technics, heaters, electrical machinery, switching and distribution boards. These cables can be laid in tubes in and beneath a plaster, in closed installation ducts as well as for traffic systems and outdoor applications. These cables are not suitable for direct routing on racks, gutters or tanks. For a protected installation, these cables may be used at a nominal voltage of up to 1000 V a.c. or 750 V d.c. when earthed. These halogen-free cables are characterised as resistant to heat and mechanical stress for a long period of time. Its characteristics contribute to the environment.

Technická data

- Single core cable, halogen-free, extensively heat resistant
- Temperature range from -50°C to +155°C
- Nominal voltage U_0/U 0,6/1kV
- Test voltage a.c. 3500 V
- Minimum bending radius: 5 x cable diameter



Popis produktu

Tests

- Flame-retardant, test method to IEC 60332-1, IEC 60332-3-22 cat.A
- Low corrosiveness of combustion gases to IEC 60754-2
- Halogen-free to IEC 60754-1
- Smoke density to IEC 61034-2

Advantages

- halogen-free, no liberation of corrosive or toxic vapours, which helps to save valuable time when evacuating a building and prevents unnecessary loss of life
- good mechanical resistance
- low fire propagation
- low development of smoke and fumes when burning
- good resistance to oils and soaking
- resistant to UV radiation, ozone and oxygen
- resistant to soldering temperatures
- good weathering coefficient at higher temperatures

Note:

- CE = the product is conformed with the EC Low-Voltage Directive 2014/35/EU.
- Other insulation colors available on request.
- Other types available on request. Technical changes reserved.
- Packing: in rings, boxes, drums.
- Conforms to RoHS.