

(N)HXH, (N)HXCH FE 180/E30

Fire resistant cable with orange sheath, halogen-free

Konstrukce

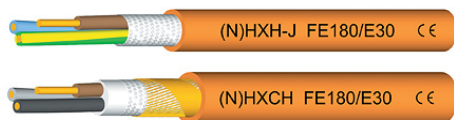
- Bare copper conductor, solid or stranded according to 0295 IEC 60228 cl. 1 or 2
- Core insulation of cross-linked polymer compound
- Cores color coded according to DIN VDE 0293-308, green-yellow earth core (from 3 cores above)
- Cores stranded in layers and wrapped with glass-fibre tape as flame-protection
- For version (N)HXCH concentric conductor of copper tape and copper wires
- Orange sheath of halogen-free polymer compound according to DIN VDE 0207 part 24, flame retardant

Použití

These flame-resistant cables are used for all locations where a special protection against fire and fire damage to human life and equipment is necessary such as in industry complexes, power stations, public buildings, hotels, airports, subways, theatres, hospitals etc. These cables are suitable for fixed installation in dry or wet areas but not suitable as a direct burial into water or earth. For installation in conduits all precautions must be taken to prevent an accumulation of water in the pipes.

Technická data

- Halogen-free, flame-resistant cable according to DIN VDE 0266, orange
- Insulation integrity under the impact of flames 180 min according to IEC 60331, DIN VDE 0472 part 814
- Function integrity according to DIN VDE 4102 part 12 E30
- Temperature range flexing from -40°C to +70°C; max. permitted temperature at conductor +90°C
- Nominal voltage U_0/U 0,6/1 kV
- Test voltage a.c. 4000 V
- Minimum bending radius approx. 15 x cable diameter



Popis produktu

Tests

- Flame-retardant to DIN VDE 0482-266-2-4/EN 60332-3-24/IEC 60332-3-24(cat.C)
- Low corrosiveness of combustion gases to IEC 60754-2
- Halogen-free to IEC 60754-1
- Smoke density to IEC 61034-1,-2
- Insulation integrity under direct flame propagation according to DIN VDE 0472 part 814, IEC 60331
- Function integrity according to DIN VDE 4102 part 12 of electrical cable system for a period of 30 min.

Color codes of NHXCH

- 2-core cable: blue/brown
- 3-core cable: brown/black/grey
- 4-core cable: blue/brown/black/grey
- from 7 cores above, black cores with white numbering

Note:

- CE = the product is conformed with the EC Low-Voltage Directive 2014/35/EU.
- rm = round stranded core
- re = round solid core
- Conforms to RoHS.