

NHXMH

300/500V halogen-free, installation cable

Konstrukce

- Solid or stranded Cu conductor
- Core insulation of halogen free, cross-linked polyethylene compound
- Cores color coded according to DIN VDE 0293, green-yellow earth core (from 3 core above)
- For single core cable, core color black, for multi-core cable cores stranded in layers with optimal lay length.
- Halogen free filling compound (not for single core cables)
- For version (N)HXMH(St) electrostatic screen (Al-PET) foil + Cu Sn drain wire
- Jacket, flame retardant polymer compound, color grey

Použití

Halogen-free cables are ideal mostly for areas where harm to human life or material must be prevented in case of fire such as industrial and public buildings, hotels, subway systems, hospitals, schools, theatres, shopping malls etc. These cables are suitable under or to plaster in dry and wet environments (direct burial in concrete areas with shocks and pressures is not permitted). The cables are also suitable for outer application.

Technická data

- Halogen-free cable with plastic sheath according to VDE 0250 part 214
- Temperature range flexing from -5°C to +70°C; fixed from -40°C to +70°C
- Nominal voltage U_0/U 300/500 V
- Test voltage a.c. 2000 V
- Minimum bending radius for single core approx. 15 x cable diameter, multicore approx. 10 x cable diameter

Popis produktu

Tests

- Flame-retardant to DIN VDE 0482-266-2-4/EN 60332-3-24/IEC 60332-3-24
- Low corrosiveness of combustion gases to IEC 60754-2
- Halogen-free to IEC 60754-1
- Smoke density to IEC 61034-1,-2

Advantages

- flame-retardant, halogen-free, no liberation of corrosive or toxic vapours when burning
- low fire propagation
- low development of smoke and fumes when burning
- resistant to ozone

Note:

- CE = the product is conformed with the EC Low-Voltage Directive 2014/35/EU.
- Conforms to RoHS.