260402-032500000000

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NHXMH-O 3x25
DIN VDE 0250-214

Power cables with copper conductors, XLPE-insulated, with halogen-free polymer compound outer sheath

Cables are used for:
- *electric wiring and cable lines installation in industrial, residential and public buildings and facilities*
- *laying over the plaster, inside and under plaster, in brick masonry and concrete, in pipes and ducts*
- *wiring in office premises equipped with computer and microprocessor equipment, in kindergartens, schools, hospitals, for cable lines of entertainment complexes and sports facilities*
- *outdoor installation, if protected from sun rays*

Manufacturing of cables with light-stabilized outer sheath is possible

Fire safety code in accordance with ДСТУ 4809:2007: ПБ123122000
Products of this mark meet the requirements:
- *single wire cable flame retardance*
- *bunched cable flame retardance category A*
- *toxicity class Tk3 of the combustion products of nonmetallic elements (toxicity index over 120 g/m^3)*
- *class ДТк1 on smoke-forming ability by smouldering of non-metallic elements (coefficient of smoke formation from 50 to 500 m^2/kg)*
- *class ДПк2 on smoke-forming ability by combustion (minimum luminous flux more than 60 %)*
- *corrosive class Кк2 of combustion products of non-metallic elements (the number of halogen hydrides less than 150 mg/g, pH more than 4.3, specific conductivity less than 10 µS/mm)*

TECHNICAL SPECIFICATIONS

Rated voltage	kV	0.66
Number and rated area of conductors	mm^2	3 x 25
Insulation thikness	mm	0.9
Permissible continious current rating *		
• *by aerial laying (AC of industrial frequency) **	A	141
• *by burial (AC of industrial frequency) **	A	144
Operating temperature range	°C	-50 ... +50
Minimum bending radius by laying	mm	92.4
Rated outer diameter of the cable (for reference) **	mm	23.1
Cable weight (approximate)	kg/km	1230
Rated factory cable length and gross weight of the delivery on the drums	m, t	# 14: 1090 • 1.5

Notes:

When ordering it is neccesary to agree the factory length of the product with the manufacturer

** Long permissible current loads are calculated for the following conditions: air temperature plus 25 °C, soil temperature plus 15 °C, thermal resistivity of soil 1.2 °K•m/W, laying depth in the soil 0.7 m*

*** The external diameter may differ from the rated up to ± 10 %*

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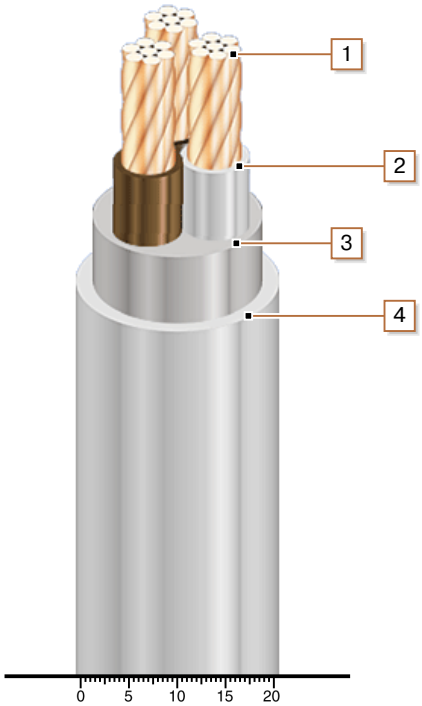

CONSTRUCTION

1. *Copper multiwire conductor*
2. *XLPE insulation*
3. *Halogen-free polymer compound inner sheath*
4. *Outer sheath of halogen-free polymer composition*

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