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ПП1нг-HF 1 x 10 ТУ У 31.3-00214534-056:2006

Installation wires with copper conductors, flame-retardant halogen-free polymer compound insulation

Used for:

• fixed laying in lighting and power circuits and also for electric equipment, machines, mechanisms and machine tools installation for rated voltage up to 450 V (for networks up to 450/750), frequency up to 100 Hz or constant voltage of 1000 V

• for laying in steel pipes, hollow ducts of building structures, on trays, etc.

Manufacturing of wires in climate version F and T is possible

Fire safety code in accordance with ДСТУ 4809:2007: ПБ142122000

Products of this mark meet the requirements:

• single wire cable flame retardance

bunched cable flame retardance category C

• toxicity class Tk2 of the combustion products of nonmetallic elements (toxicity index from 40 up to 120 g/m^3)

• class $\protect\ensuremath{\mathcal{I}}\ensuremath{\kappa}\ensuremath{1}$ on smoke-forming ability by smouldering of non-metallic elements (coefficient of smoke formation from 50 to 500 m²/kg)

• class ДΠκ2 on smoke-forming ability by combustion (minimum luminous flux more than 60 %)

• corrosive class Kk2 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 μ S/mm)

TECHNICAL SPECIFICATIONS

Rated voltage	kV	0.45
Number and rated area of conductors	mm²	1 x 10
Insulation thikness	mm	1
Operating temperature range	°C	-30 +50
Flexibility class acc. to FOCT 22483-77		1
Minimum bending radius by laying	mm	55
Outer diameter (nominal, for reference only)	mm	5.5
Outer diameter (maximum, for reference only)	mm	6.4
Weight (approximate)	kg/km	105
Notes:		

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





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1

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CONSTRUCTION

Copper conductor
Halogen-free polymer compound insulation