





ПВ1нгд 1 x 35 ТУ У 31.3-00214534-056:2006

Installation wires with copper conductors, low fire-risk PVC 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: ΠБ142121000

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/m³)
- class μ TK1 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 $K\kappa 1$ of combustion products of non-metallic elements (the number of halogen hydrides less than 150 mg/g, pH less than 4.3, specific conductivity more than 10 μ S/mm)

TECHNICAL SPECIFICATIONS

| Rated voltage | kV | 0.45 |
|--|-------|---------|
| Number and rated area of conductors | mm² | 1 x 35 |
| Insulation thikness | mm | 1.2 |
| Operating temperature range | °C | -40 +50 |
| Flexibility class acc. to ΓΟCT 22483-77 | | 2 |
| Minimum bending radius by laying | mm | 94 |
| Outer diameter (nominal, for reference only) | mm | 9.4 |
| Outer diameter (maximum, for reference only) | mm | 11 |
| Weight (approximate) | kg/km | 357 |

Notes:

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



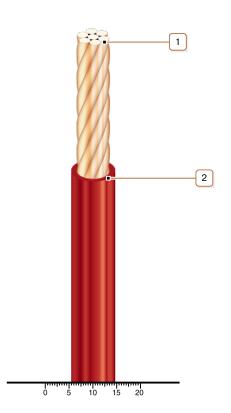




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CONSTRUCTION

- 1. Copper multiwire conductor
- 2. Low fire-risk PVC compound insulation