

## АПВнгд 3 x 4 ТУ У 31.3-00214534-056:2006

Installation flat wires with aluminium 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*
- *inflexible installation*

Manufacturing of wires in climate version F and T is possible

Fire safety code in accordance with ДСТУ 4809:2007: ПБ142121000

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<sup>3</sup>)*
- *class ДТк1 on smoke-forming ability by smouldering of non-metallic elements (coefficient of smoke formation from 50 to 500 m<sup>2</sup>/kg)*
- *class ДПк2 on smoke-forming ability by combustion (minimum luminous flux more than 60 %)*
- *corrosive class Кк1 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 μS/mm)*

### TECHNICAL SPECIFICATIONS

|                                                   |                 |             |
|---------------------------------------------------|-----------------|-------------|
| Rated voltage                                     | kV              | 0.45        |
| Number and rated area of conductors               | mm <sup>2</sup> | 3 x 4       |
| Insulation thickness                              | mm              | 0.8         |
| Operating temperature range                       | °C              | -40 ... +50 |
| Flexibility class acc. to ГОСТ 22483-77           |                 | 1           |
| Minimum bending radius by laying                  | mm              | 38          |
| Width and thickness (rated, for reference only)   | mm              | 13.4 x 3.8  |
| Width and thickness (maximum, for reference only) | mm              | 15.6 x 4.4  |
| Weight (approximate)                              | kg/km           | 67          |

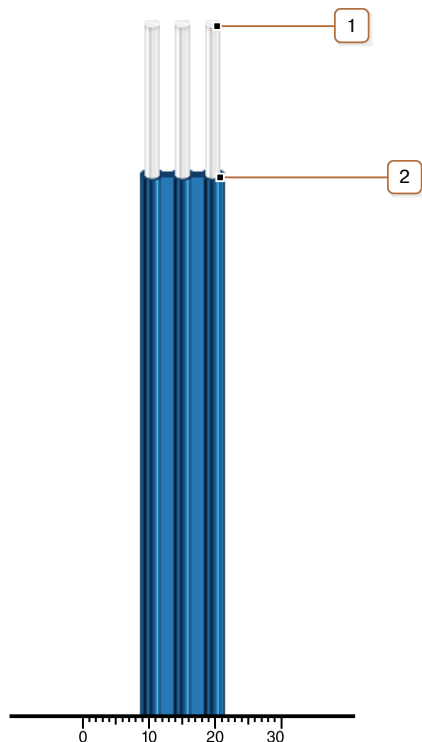
Notes:

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



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### CONSTRUCTION

1. Aluminium conductor
2. Low fire-risk PVC compound insulation