

## ПВЗнгд 1 x 95 ТУ У 31.3-00214534-056:2006

Installation flat 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
- electric subcircuits installation, where wire-bending are possible

Manufacturing of wires in climate version F and T is possible

Fire safety code in accordance with ДСТУ 4809:2007: ПБ123121000

Products of this mark meet the requirements:

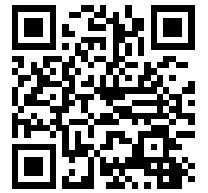
- single wire cable flame retardance
- bunched cable flame retardance category A
- toxicity class Tk3 of the combustion products of nonmetallic elements (toxicity index over 120 g/m<sup>3</sup>)
- class ДТк1 on smoke-forming ability by smouldering of non-metallic elements (coefficient of smoke formation 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> | 1 x 95                              |
| Insulation thickness   | mm              | 1.6                                 |
| Operating temperature range  | °C              | -40 ... +50                         |
| Flexibility class acc. to ГОСТ 22483-77                                  |                 | 3                                   |
| Minimum bending radius by laying   | mm              | 91.5                                |
| Outer diameter (nominal, for reference only)                             | mm              | 18.3                                |
| Outer diameter (maximum, for reference only)                             | mm              | 19                                  |
| Weight (approximate)   | kg/km           | 971                                 |
| Rated factory cable length and gross weight of the delivery on the drums | m, t            | # 10: 730 • 0.8<br># 12: 1010 • 1.1 |

Notes:

When ordering it is necessary 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*
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