

## ААШВ 4x95-1 TY Y 27.3-00214534-091:2017

Power cables with aluminium conductors, with impregnated paper insulation, aluminium-sheathed, with PVC-compound protection hose

Cables are used for laying:

- in soil (trenches) with high corrosiveness without vagabond currents
- in soil (trenches) with medium corrosiveness, as well as with vagabond currents
- in dry premises (tunnels), ducts, cable cellars, mines, collectors, industrial and other premises, including damp, partially flooded premises, environment with medium and high corrosiveness
- in fire-risk premises
- on special cable bridges
- on bridges
- in mines, non-hazardous as for gas and dust
- with no risk of mechanical damage in operation

Fire safety code in accordance with ДСТУ 4809:2007: ПБ100000000

Products of this mark meet the requirements:

- single wire cable flame retardance

### TECHNICAL SPECIFICATIONS

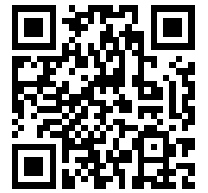
|   |                 |             |
|---|-----------------|-------------|
| Rated voltage   | kV              | 1           |
| Number and rated area of conductors                   | mm <sup>2</sup> | 4 x 95      |
| Insulation thickness between conductors               | mm              | 1.5         |
| Insulation thickness of conductor-sheath              | mm              | 1.25        |
| Sheath thickness                                      | mm              | 1.45        |
| Permissible continuous current rating *               |                 |             |
| • by aerial laying                                    | A               | 203         |
| • by burial   | A               | 204         |
| Operating temperature range                           | °C              | -50 ... +50 |
| Minimum bending radius by laying                      | mm              | 975         |
| Level difference along the laying rout, not more than | m               | 25          |
| Metal sheath outer diameter (for reference only)      | mm              | 33          |
| Rated outer diameter of the cable (for reference) **  | mm              | 39          |
| Cable weight (approximate)                            | kg/km           | 2150        |

Notes:

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

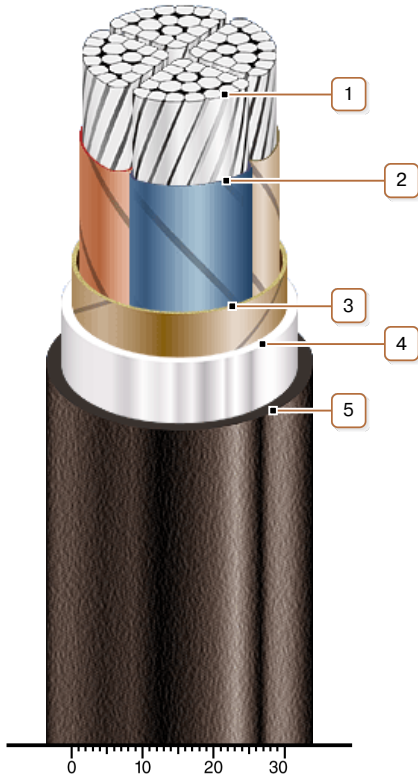
\* Long permissible current loads are calculated during operation in four-wire networks with load in all the conductors for the following conditions: air temperature plus 25 °C, soil temperature plus 15 °C, thermal resistivity of soil 1.2 °K·m/W, laying depth in the soil 0.7 m

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



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### CONSTRUCTION

1. Aluminium multiwire compacted conductor
2. Impregnated paper insulation
3. Belt insulation
4. Aluminium sheath
5. Pressed PVC compound protection hose

Note: Conductor twisting is not illustrated