

## ACГ 1x400-3 TY 16.K71-269-97

Power cables with aluminium conductors, with impregnated paper insulation, lead-sheathed

Cables are used for laying:

- *in blocks*
- *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

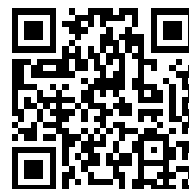
|                                                                              |                 |                 |
|------------------------------------------------------------------------------|-----------------|-----------------|
| Rated voltage                                                                | kV              | 3               |
| Number and rated area of conductors                                          | mm <sup>2</sup> | 1 x 400         |
| Insulation thickness of conductor-sheath                                     | mm              | 2.2             |
| Sheath thickness                                                             | mm              | 1.36            |
| Permissible continious direct current rating *                               |                 |                 |
| • <i>by aerial laying</i>                                                    | A               | 838             |
| • <i>by burial</i>                                                           | A               | 663             |
| Operating temperature range                                                  | °C              | -50 ... +50     |
| Minimum bending radius by laying                                             | mm              | 800             |
| Level difference along the laying rout, not more than                        | m               | 20              |
| Metal shaeth outer diameter (for reference only)                             | mm              | 31              |
| Rated outer diameter of the cable (for reference) **                         | mm              | 32              |
| Cable weight (approximate)                                                   | kg/km           | 3370            |
| Rated factory cable length and gross weight of the delivery on the drums *** | m, t            | # 16: 370 • 1.5 |

Notes:

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

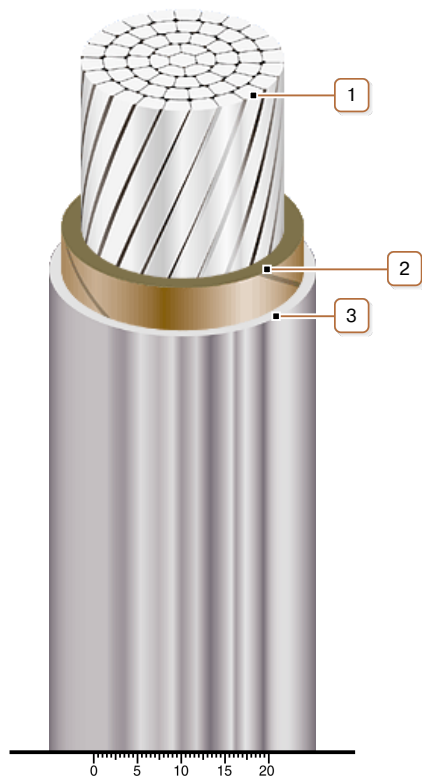
\* Long permissible current loads are calculated for the following conditions: air temperature plus 25 °C, soil temperature plus 15 °C, thermal resistivity of soil 1.2 °K·m/W, laying depth in the soil 0.7 m

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



## АСГ 1х400-3 ТН 16.К71-269-97

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### CONSTRUCTION

1. *Aluminium multiwire compacted conductor*
2. *Impregnated paper insulation*
3. *Lead sheath*