



## AAШп 3x240-1 TY Y 27.3-00214534-091:2017

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

Cables are used for laying:

- in soil (trenches) with high corrosiveness, as well as with vagabond currents
- with no risk of mechanical damage in operation

### TECHNICAL SPECIFICATIONS

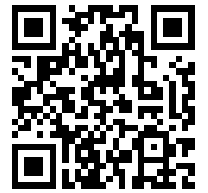
|  |                 |                                    |
|--|-----------------|------------------------------------|
| Rated voltage  | kV              | 1                                  |
| Number and rated area of conductors  | mm <sup>2</sup> | 3 x 240                            |
| Insulation thickness between conductors                                      | mm              | 1.9                                |
| Insulation thickness of conductor-sheath                                     | mm              | 1.55                               |
| Sheath thickness   | mm              | 1.65                               |
| Permissible continuous current rating *                                      |                 |                                    |
| • by aerial laying   | A               | 402                                |
| • by burial  | A               | 359                                |
| Operating temperature range  | °C              | -50 ... +50                        |
| Minimum bending radius by laying   | mm              | 1250                               |
| Level difference along the laying rout, not more than                        | m               | 25                                 |
| Metal sheath outer diameter (for reference only)                             | mm              | 43                                 |
| Rated outer diameter of the cable (for reference) **                         | mm              | 50                                 |
| Cable weight (approximate)   | kg/km           | 3410                               |
| Rated factory cable length and gross weight of the delivery on the drums *** | m, t            | # 18: 460 • 2.0<br># 20: 740 • 3.2 |

Notes:

When ordering it is necessary 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 %



## ААШп 3x240-1 ТУ У 27.3-00214534-091:2017

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### CONSTRUCTION

1. Aluminium multiwire compacted conductor
2. Impregnated paper insulation
3. Cable paper bundle
4. Belt insulation
5. Aluminium sheath
6. Pressed off polyethylene protection hose

Note: Conductor twisting is not illustrated

