



## **NYM-O 5x35** **DIN VDE 0250-204**

Power cables with copper conductors, PVC compound insulation, outer PVC compound sheath

Cable technical specifications conform DIN VDE 0250 p.204

Cables are used for:

- *electric wiring and cable lines installation in industrial, residential and public buildings and facilities*
- *laying over the plaster, inside and under plaster, in brick masonry and concrete, in pipes and ducts*
- *outdoor installation, if protected from sun rays*

Manufacturing of cables with light-stabilized outer sheath is possible

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

Products of this mark meet the requirements:

- *single wire cable flame retardance*

### **TECHNICAL SPECIFICATIONS**

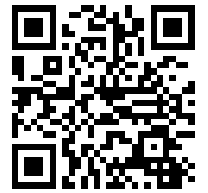
|  |                 |                                     |
|--|-----------------|-------------------------------------|
| Rated voltage  | kV              | 0.66                                |
| Number and rated area of conductors  | mm <sup>2</sup> | 5 x 35                              |
| Insulation thickness   | mm              | 1.2                                 |
| Permissible continuous current rating *                                      |                 |                                     |
| • <i>by aerial laying (AC of industrial frequency) *</i>                     | A               | 127                                 |
| Operating temperature range  | °C              | -50 ... +50                         |
| Minimum bending radius by laying   | mm              | 132                                 |
| Rated outer diameter of the cable (for reference) **                         | mm              | 33                                  |
| Cable weight (approximate)   | kg/km           | 2620                                |
| Rated factory cable length and gross weight of the delivery on the drums *** | m, t            | # 14: 540 • 1.6<br># 16a: 870 • 2.5 |

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 air temperature plus 25 °C*

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



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### **CONSTRUCTION**

1. Copper multiwire conductor
2. PVC compound insulation
3. Extruded uncured stock inner sheath
4. PVC compound outer sheath

*Note: Manufacturing of cables with light-stabilized outer sheath is possible*

*Note: Conductor twisting is not illustrated*

