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455101-001010002500

ПВЛТ-1 1х25
ТУ У 27.3-00214534-120:2023

Wires with PVC-plastic insulation in varnished braiding for locomotives

Used:

- *for fixed installation and installation with limited mobility within locomotives and other units of rolling stock*

The wires are resistant to vibrational, linear and impact loads, to the action of diesel fuel and lubricating oil, low-combustible, unshielded wires are resistant to sintering
It is possible to manufacture two- and three-wire wires with fastening winding, as well as fire-safe and halogen-free wires according to the specifications of PJSC YUZHCABLE WORKS

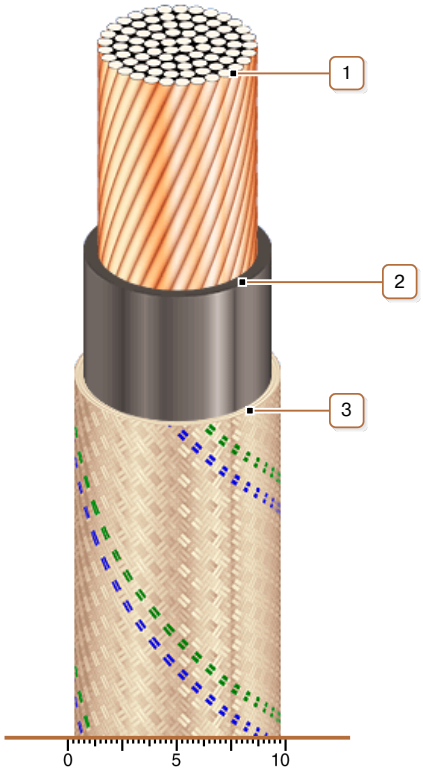
TECHNICAL SPECIFICATIONS

Rated AC voltage up to 2000 Hz	V	380
Rated DC voltage	V	700
Number and rated diameter of conductors	mm^2	1 x 25
Class of core flexibility		3
Ambient operating temperature	°C	-60 … +60
Permissible continious conductors temperature	°C	+70
Cable outer diameter (for reference only) **	mm	9.4
Cable weight (approximate)	kg/km	270
Minimal service life	years	15

Notes:

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

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



CONSTRUCTION

1. *Copper multiwire conductor*
2. *Insulation made of PVC-plastic, thin*
3. *Braid made of cotton or combined yarn*

Note: It is possible to manufacture two- and three-wire wires with fastening winding, as well as fire-safe and halogen-free wires according to the specifications of PJSC YUZHCABLE WORKS

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