CURRENT - 2C+E TPS

CU TPS 2X 1.0+E WH 1HM

Nexans
Ref.: CNZP02A1002WVHF
Country Ref.: 9779.1
EAN 13: 9416079020817

CONTACT

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Cu conductors PVC insulation, PVC sheath. 450/750 V. Made to AS/NZS 5000.2

STANDARDS

Product AS/NZS 5000.2

CURRENT is a two core and earth cable (twin and earth) designed for general purpose power and lighting applications. The classic white sheath is easy to strip and install, making this staple electrical cable our top seller.

Applications:

- General application: domestic, commercial, industrial

- Fixed applications

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

CHARACTERISTICS

Construction characteristics	
Pilot wires	None
Sheath colour	White
With Green/Yellow core	Yes
Conductor material	Copper
Insulation	PVC
Outer sheath	PVC
Conductor flexibility	Class 2
Conductor shape	Circular
Core identification	Red, Black, Green/Yellow
Type of conductor	Circular, stranded
Wire colour	-
With smaller neutral conductor	No
Dimensional characteristics	
Conductor cross-section	1 mm²
Earth conductor cross section	1 mm²
Nominal overall diameter	4.0 x 8.6
Approximate weight	0.07 kg/m
Neutral conductor section (when smaller)	- mm²
Number of cores	2
Electrical characteristics	
Max. DC resistance of the conductor at 20°C (Ohm/km)	18.1
Rated Voltage Uo/U	450/750 V
Rated Voltage Uo/U (Um)	450/750 V
Mechanical characteristics	
Cable flexibility	Rigid
Usage characteristics	
Max. conductor temperature in service	75 °C

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CURRENT CARRYING CAPACITIES SINGLE PHASE (IN AMPS) - TPS - 2 CORES AND 2 CORES PLUS EARTH

PVC insulation For cables up to and including 450/750 V @ 50 Hz AC.

Conductor cross-section [mm²]	Cu	Cu	Cu	Cu	Cu	Cu
1	17	16	15	19	19	8

Air Spaced from Surface, Unenclosed

Air touching, unenclosed

Air enclosed

Buried direct

Buried in single-way duct

Cable surrounded by thermal insulation unenclosed

Note

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The values are for typical New Zealand installation conditions of:

- Ambient Air Temperature:30°C

SELLING AND DELIVERY INFORMATION

PEP and EPD available

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