

TPS - Two Core +E

CU TPS 2X 1.5 RD 2HM

Contact

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Nexans Ref.: CACQ05A2002JBHF

Country Ref.: 1049.2

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

DESCRIPTION

Application

- Domestic, commercial and industrial general applications
- Fixed applications



STANDARDS

National AS/NZS 5000.2

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CHARACTERISTICS

Construction characteristics

Pilot wires	None
Sheath colour	Red
With Green/Yellow core	No
Conductor material	Copper
Insulation	PVC
Outer sheath	PVC
Core identification	Red,Black
Type of conductor	Circular, stranded
Wire colour	-
With smaller neutral conductor	No

Dimensional characteristics

Conductor cross-section	1.5 mm ²
Earth conductor cross section	- mm ²
Nominal overall diameter	4.7 x 7.4
Approximate weight	0.07 kg/m
Neutral conductor section (when smaller)	- mm ²
Number of cores	2

Electrical characteristics

Max. DC resistance of the conductor at 20°C (Ohm/km)	13.6
Rated Voltage U ₀ /U	450/750 V
Rated Voltage U ₀ /U (U _m)	450 / 750 V

Mechanical characteristics













Cable flexibility	Rigid
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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 [mm ²]	 Cu	 Cu	 Cu	 Cu	 Cu	 Cu
1.5	22	21	18	23	23	10
 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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Please refer to the complete Standard for full details available for purchase from Standards New Zealand at www.standards.co.nz.

The values are for typical New Zealand installation conditions of:

- Ambient Air Temperature:30°C