TPS Three Core +E (Blue)

CU TPS 3X 1.0+E BU 1HM

Contact
Sales and Customer Solutions
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Nexans Ref.: ENZP02A1003BFRJ
Country Ref.: 1719.1

Stranded plain annealed copper, 450/750 V PVC insulated, PVC Flat Sheathed to AS/NZS 5000.2

DESCRIPTION

TPS Blue is a durable and robust cable specifically designed for air conditioning. What's new? This product is an extension of our current TPS cable, with the added benefit of a blue coloured sheath for easy identification during installation.

STANDARDS

National AS/NZS 5000.2

Conductor flexibility	Rated Voltage Uo/U (Um)	Max.conductor temp.in service
Class 2	**450 / 750 V**	**90 °C**

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CHARACTERISTICS

Construction characteristics	
With Green/Yellow core	Yes
Sheath colour	Blue
Conductor flexibility	Class 2
Conductor material	Copper
Conductor shape	Circular
Core identification	Red, White, Blue, Green/Yellow
Insulation	V-90
Outer sheath	PVC
Type of conductor	Circular, solid
Dimensional characteristics	
Number of cores	3
Conductor cross-section	1 mm²
Earth conductor cross section	1 mm²
Nominal overall diameter	4.25 x 11.7
Approximate weight	0.09 kg/m
Cable length	100 m
Nominal insulation thickness	0.6 mm
Nominal outer sheath thickness	0.9 mm
Electrical characteristics	
Rated Voltage Uo/U (Um)	450 / 750 V
Conductor AC resistance at 50 Hz	- Ohm/km
Inductive reactance at 50Hz	- Ohm/km
Max. DC resistance of the conductor at 20°C	18.1 Ohm/km
Usage characteristics	
Max. conductor temperature in service	90 °C

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