PVC Neutral Screened Cables

CU NSCRN 3X 2.5 3.2

Contact
Sales and Customer Solutions
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Nexans Ref.: FAGP07PX003CXRJ
Country Ref.: 8070

Cu conductors, PVC insulation, Cu wire neutral screen, Black PVC sheath. 0.6/1 kV. Made to AS/NZS 4961.

DESCRIPTION

Application

- Industrial, commercial and domestic applications
- For use in various situations to supply the main power from the point of supply to buildings, equipment, sheds, eg, switch board to main control cabinet, main between floors and buildings, cable cabinet to motor, etc.

STANDARDS

National AS/NZS 4961

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CHARACTERISTICS

Construction characteristics	
Pilot wires	None
Conductor material	Copper
Type of conductor	Circular, stranded
Insulation	PVC
Screen	Copper wire
Outer sheath	PVC
Colour	-
Core identification	Red, White Blue
With Green/Yellow core	No
With smaller neutral conductor	No
Dimensional characteristics	
Number of cores	3
Conductor cross-section	2.5 mm²
Nominal overall diameter	16.0 mm
Nominal overall diameter	-
Gland Size (A2 or A2F)	25
Gland Size (CX/Z)	20
Nominal outer sheath thickness	3.2 mm
Approximate weight	0.36 kg/m
Neutral conductor section (when smaller)	- mm²
Electrical characteristics	
Max. DC resistance of the conductor at 20°C	7.41 Ohm/km
Permissible short circuit current conductor 1s	- kA
Rated Voltage Uo/U (Um)	0.6/ 1 (1.2) kV
Mechanical characteristics	
Cable flexibility	Rigid
Usage characteristics	
Max. conductor temperature in service	75 °C

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CURRENT CARRYING CAPACITIES THREE PHASE (IN AMPS) - THREE & FOUR CORE PVC NEUTRAL

Copper conductor Circular stranded Insulation PVC Max. Conductor Temperature 75C

Conductor cross-section [mm²]	 Cu	 Cu	 Cu	 Cu	 Cu	 Cu
2.5	26	25	23	28	28	13

 Air Spaced from Surface, Unenclosed

 Air touching, unenclosed

 Air enclosed

 Buried direct

 Buried in single-way duct

 Cable surrounded by thermal insulation, unenclosed