PVC Neutral Screened Cables single core and two cores

CU NSCRN 2X 25 3.2

Contact
Sales and Customer Solutions
Phone: 0800 639 267
sales.nz@nexans.com

Nexans Ref.: DAEP17PX002CXAB
Country Ref.: 5242

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

Conductor flexibility
Class 2

Rated Voltage Uo/U (Um)
0.6/ 1 (1.2) kV

Cable flexibility
Rigid

Max.conductor temp.in service
75 °C

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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	-
Conductor flexibility	Class 2
Conductor shape	Circular
Core identification	White, Red
With Green/Yellow core	No
With smaller neutral conductor	No
Dimensional characteristics	
Number of cores	2
Conductor cross-section	25 mm²
Nominal overall diameter	- mm
Nominal overall diameter	17.6 x 26.4
Gland Size (A2 or A2F)	-
Gland Size (CX/Z)	-
Nominal outer sheath thickness	3.2 mm
Approximate weight	1.1 kg/m
Neutral conductor section (when smaller)	- mm²
Electrical characteristics	
Max. DC resistance of the conductor at 20°C	0.727 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 SINGLE PHASE (IN AMPS) - TWO CORE PVC NEUTRAL

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

Conductor cross-section [mm²]	 Cu	 Cu	 Cu	 Cu	 Cu	 Cu
25	111	104	87	138	103	52

 Air Spaced from Surface, Unenclosed

 Air touching, unenclosed

 Air enclosed

 Buried direct

 Buried in single-way duct

 Cable surrounded by thermal insulation, unenclosed

INSULATION COLOURS

No. Cores	Insulation Colour
1	Red
1 (plus pilot)	Red, Orange Pilot
2	Red, White
2 (plus pilot)	Red, White, Orange Pilot

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