PVC Neutral Screened Cables single core and two cores

CU NSCRN 1X 35 3.2

Sales and Customer Solutions sales.nz@nexans.com

Nexans Ref.: BAGP18PX001CXRD

Country Ref.: 4620

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





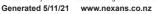


Cable flexibility



Max.conductor temp.in service 75 °C









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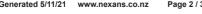
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CHARACTERISTICS

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
With Green/Yellow core	No
With smaller neutral conductor	No
Dimensional characteristics	
Number of cores	1
Conductor cross-section	35 mm²
Nominal overall diameter	19.4 mm
Nominal overall diameter	-
Gland Size (A2 or A2F)	25
Gland Size (CX/Z)	20
Nominal outer sheath thickness	3.2 mm
Approximate weight	0.96 kg/m
Neutral conductor section (when smaller)	- mm²
Electrical characteristics	
Max. DC resistance of the conductor at 20°C	0.524 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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Contact

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CURRENT CARRYING CAPACITIES SINGLE PHASE (IN AMPS) - PVC NEUTRAL SINGLE CORE

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

Conductor cross-section [mm²]	© Cu	Cu	© Cu	Cu	Cu	Cu	
35	158	149	128	196	150	74	
Air Spaced from Surface, Unenclosed	Air touching, unenclosed		Air enclosed				
Buried direct	Buried in single-way duct		Cable surrounded by thermal insulation, unenclosed				

