Conduit Wires

CU CONDUIT 25 GNYE V75 1HM

Contact

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Nexans Ref.: BAAP16A1001AAHT

Country Ref.: 6320.1

Cu conductor, PVC insulation. 0.6/1 kV. Made to AS/NZS 5000.1.

DESCRIPTION

Application

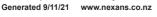
- Industrial, commercial and domestic applications
- The wiring of switch boards and control panels
- · Earth wiring in houses
- Wiring where the conduit wire is run inside a protective enclosure (plastic or metal conduits)



STANDARDS

National AS/NZS 5000.1









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CHARACTERISTICS

Construction characteristics	
Colour	Green / yellow
Insulating material	PVC
Type of conductor	Circular, stranded
Conductor material	Copper
Insulation	V-75
With Green/Yellow core	No
With smaller neutral conductor	No
Dimensional characteristics	
Conductor cross-section	25 mm²
Nominal overall diameter	8.9 mm
Approximate weight	0.28 kg/m
Neutral conductor section (when smaller)	- mm²
Number of cores	1
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

CURRENT CARRYING CAPACITIES SINGLE PHASE (IN AMPS) - CONDUIT WIRES

Copper conductor Circular stranded (except 1 mm² which is solid) Insulation PVC Max. Conductor Temperature 75C

Conductor cross-section	
[mm²]	Cu
25	107

Note

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The values are for typical New Zealand installation conditions of:

• Ambient Air Temperature: 30°C



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CURRENT CARRYING CAPACITIES THREE PHASE (IN AMPS) - CONDUIT WIRES

Copper conductor Circular stranded (except 1 mm² which is solid) Insulation PVC Max. Conductor Temperature 75C

Conductor cross-section		
[mm²]	Cu	
25	92	
Air enclosed		

Note

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