Remolex Cables

CU REMOLEX 3X 16+6E

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Nexans Ref.: ENHP15AA003CXRJ
Country Ref.: 5101

Cu Conductors, PVC insulation, Laid up, Black PVC sheath, 450/750 V. Made to AS/NZS 5000.2. Circular multicore with integral earth.



DESCRIPTION

Application

- Industrial, commercial and domestic applications
- Small mains cables.

STANDARDS

National AS/NZS 5000.2

Conductor flexibility	Rated Voltage Uo/U (Um)	Cable flexibility	Max.conductor temp.in service	U.V resistance
Class 2	**450 / 750 V**	**Rigid**	**75 °C**	**Yes**

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

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CHARACTERISTICS

Construction characteristics	
Conductor material	Copper
Type of conductor	Circular, stranded
Insulation	PVC
Outer sheath	PVC
Conductor flexibility	Class 2
Conductor shape	Circular
Core identification	Red, White, Blue, Green/Yellow
With Green/Yellow core	Yes
With smaller neutral conductor	No
Dimensional characteristics	
Number of cores	4
Conductor cross-section	16 mm²
Earth conductor cross section	6 mm²
Nominal overall diameter	20.7 mm
Gland Size (A2 or A2F)	32
Approximate weight	0.81 kg/m
Neutral conductor section (when smaller)	- mm²
Electrical characteristics	
Max. DC resistance of the conductor at 20°C (Ohm/km)	1.15
Rated Voltage Uo/U	450/750 V
Rated Voltage Uo/U (Um)	450 / 750 V
Mechanical characteristics	
Cable flexibility	Rigid
Usage characteristics	
Max. conductor temperature in service	75 °C
U.V resistance	Yes

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

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

Conductor cross-section						
[mm²]	Cu	Cu	Cu	Cu	Cu	Cu
16	82	78	66	106	80	39


Air Spaced from Surface, Unenclosed


Air touching, unenclosed


Air enclosed


Buried direct


Buried in single-way duct


Cable surrounded by thermal insulation, unenclosed

Note

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Content in this table and the typical New Zealand installation conditions are derived from AS/NZS 3008.1.2:2010 and

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The values are for typical New Zealand installation conditions of:

- Ambient Air Temperature: 30°C
- Soil Temperature: 15°C
- Soil Thermal Resistivity: 1.2 K.m/W
- Depth of Burial: 0.5 m

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