Contact General Sales inquiries Phone: 0508 NEXANS sales.nz@nexans.com

Nexans ref.: <u>ENHP11AA003CXRJ</u> Country ref.: 8214

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

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. Generated 26/01/21 www.nexans.co.nz Page 1 / 3



Remolex Cables

CU REMOLEX 3X 6+2.5E

General Sales inquiries Phone: 0508 NEXANS sales.nz@nexans.com

CHARACTERISTICS

Conductor materialCopperType of conductorCircular, strandedInsulationPVCOuter sheathPVCWith Green/Yellow coreYesWith smaller neutral conductorNoCore identificationRed, White, Blue, Green/YellowDimensional characteristics4Number of cores4Conductor cross-section6 mm²Earth conductor cross section2.5 mm²Nominal overall diameter14.6 mmGland Size (A2 or A2F)25
InsulationPVCOuter sheathPVCOuter sheathPVCWith Green/Yellow coreYesWith smaller neutral conductorNoCore identificationRed, White, Blue, Green/YellowDimensional characteristics1Number of cores6 mm²Conductor cross-section6 mm²Earth conductor cross section2.5 mm²Nominal overall diameter14.6 mm
Outer sheathPVCWith Green/Yellow coreYesWith smaller neutral conductorNoCore identificationRed, White, Blue, Green/YellowDimensional characteristics4Number of cores6 mm²Earth conductor cross section2.5 mm²Nominal overall diameter14.6 mm
With Green/Yellow coreYesWith smaller neutral conductorNoCore identificationRed, White, Blue, Green/YellowDimensional characteristicsYesNumber of cores4Conductor cross-section6 mm²Earth conductor cross section2.5 mm²Nominal overall diameter14.6 mm
With smaller neutral conductorNoCore identificationRed, White, Blue, Green/YellowDimensional characteristicsVNumber of cores4Conductor cross-section6 mm²Earth conductor cross section2.5 mm²Nominal overall diameter14.6 mm
Core identificationRed, White, Blue, Green/YellowDimensional characteristicsNumber of coresConductor cross-sectionEarth conductor cross sectionEarth conductor cross sectionNominal overall diameter14.6 mm
Dimensional characteristicsNumber of cores4Conductor cross-section6 mm²Earth conductor cross section2.5 mm²Nominal overall diameter14.6 mm
Number of cores4Conductor cross-section6 mm²Earth conductor cross section2.5 mm²Nominal overall diameter14.6 mm
Conductor cross-section6 mm²Earth conductor cross section2.5 mm²Nominal overall diameter14.6 mm
Earth conductor cross section2.5 mm²Nominal overall diameter14.6 mm
Nominal overall diameter 14.6 mm
Gland Size (A2 or A2F) 25
Approximate weight 0.4 kg/m
Electrical characteristics
Rated Voltage Uo/U 450/750 V
Rated Voltage Uo/U (Um) 450 / 750 V
Max. DC resistance of the conductor at 20°C (Ohm/km) 3.08
Mechanical characteristics
Cable flexibility Rigid
Usage characteristics
U.V resistance Yes
Max. conductor temperature in service 75 °C

CORE COLOURS

No. of Cores	Colour
3	RD, BK, GNYE
4	RD, WH, BU, GNYE
5	RD, WH, BU, BK, GNYE

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. Generated 26/01/21 www.nexans.co.nz Page 2 / 3



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	8	8	\otimes	STATE:			
[mm²]	Cu	Cu	Cu	Cu	Cu	Cu	
1.5	18	17	16	20	20	9	
2.5	26	25	23	28	28	13	
4	35	33	29	36	36	17	
6	46	42	38	46	46	22	
10	62	58	50	61	61	29	
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

© Copyright Standards New Zealand 2012.

Content in this table and the typical New Zealand installation conditions are derived from AS/NZS 3008.1.2:2010 and has been reproduced or adapted with permission from Standards New Zealand under Copyright Licence 000926. Please refer to the complete Standard for full details available for purchase from Standards New Zealand at www.standards.co.nz.

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

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. Generated 26/01/21 www.nexans.co.nz Page 3 / 3

