

Control Cables

Flexible

Nexans Ref.: APAQ05AA012CXWW

Country Ref.: 8983

Cu conductors, PVC insulation (numbered cores), Laid up, Black PVC sheath. 450/750 V. Made to AS/NZS 5000.3,

DESCRIPTION

Application

- Industrial and commercial applications
- Used as a connections type of cable between control cabinets where a number of control signals are required; or for use in any areas where control of equipment is required.
- Both unarmoured and armoured controls are used in a similar style of application, the only difference being that in the case of unarmoured cable the customer may require mechanical protection of the cable.



STANDARDS

National AS/NZS 5000.3

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CHARACTERISTICS

Construction characteristics

Conductor material	Copper
Insulation	PVC
Outer sheath	PVC
Core identification	Black numbers

Dimensional characteristics

Number of cores	12
Conductor cross-section	1.5 mm ²
Nominal overall diameter	15.3 mm
Gland Size (A2 or A2F)	25
Approximate weight	0.38 kg/m

Electrical characteristics

Max. DC resistance of the conductor at 20°C	13.6 Ohm/km
Rated Voltage U ₀ /U	450/750 V

Usage characteristics

Max. conductor temperature in service	75 °C
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Conductor cross-section [mm ²]	 Cu	 Cu	 Cu	 Cu
1.5	21	33	17	28.6
 Unenclosed touching 2 cond.	 Voltage Drop 2 Cond. Single Phase (mV/A.m)		 Unenclosed touching 3 cond.	
 Voltage Drop 3 Cond. Three phase (mV/A.m)				

Note

1. Content from AS/NZS 3008.1.2:2010 has been reproduced with the permission from Standards New Zealand under Copyright Licence 000926. Please see the Standard for full details.
2. The values in this table are for typical New Zealand installation conditions of:
Ambient Air Temperature 30°C