

VAROLEX® VSD/EMC 3C+3E

CU VAROLEX 3X150[^]+75[^]SE

Nexans Ref.: FTDP24AA003CXRJ

EAN 13: 9319215325285

3X150mm² + 3E Varolex Black

DESCRIPTION

- Intended for fixed variable speed drive applications
- 0.6/1kV X-90 insulated,
- 3 core+3 earths,
- PVC bedded,
- Copper tape screened,
- PVC sheathed to AS/NZS 5000.1,
- Stranded Copper conductors, 90°C

*For 2.5 mm², split earth not feasible, therefore a single earth conductor is utilised.



STANDARDS

National AS/NZS 1125; AS/NZS 5000.1



Rated Voltage U_o/U (Um)
0.6/1 kV



Maximum operating temperature
90 °C

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
Insulation	X-90
Material of bedding	PVC filler
Outer sheath	PVC
Screen	Copper tape
Type of conductor	Stranded

Dimensional characteristics

Approximate weight	586.0 kg/100m
Combined earth size section	75 mm ²
Conductor cross-section	150 mm ²
Diameter over screen	42.6 mm
Nominal insulation thickness	1.4 mm
Nominal overall diameter	47.3 mm
Number of cores	3
Number of earth cores	3

Electrical characteristics

Capacitance (All Main Cores - Screen)	1.079 µF / km
Capacitance (One Main Core - Other & Screen)	0.597 µF / km
Capacitance 3 phase operating	0.719 µF / km
Conductor AC resistance at 50 Hz	0.16 Ohm/km
Inductive reactance at 50Hz	0.071 Ohm/km
Insulation resistance at 20°C	232 MOhm.km
Max. DC resistance of the conductor at 20°C	0.124 Ohm/km
Rated Voltage U ₀ /U (U _m)	0.6/1 kV

Usage characteristics

Maximum operating temperature	90 °C
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