



**Nexans**  
**Ref.:** DAEP17PX002CXAB  
**Country Ref.:** 5242  
**EAN 13:** 99416079021138

### CONTACT

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Cu conductors, PVC insulation, Cu wire neutral screen, Black PVC sheath. 0.6/1 kV. Made to AS/NZS 4961.

### STANDARDS

**Product** AS/NZS 4961

### Application

Industrial, commercial and domestic applications

For use in various situations to supply the main power from the point of supply to buildings, equipment, sheds, eg, switch board to main control cabinet, main between floors and buildings, cable cabinet to motor, etc.



Conductor flexibility  
 Class 2



Rated Voltage Uo/U (Um)  
 0.6/ 1 (1.2) kV



Cable flexibility  
 Rigid



Max. conductor temp. in service  
 75 °C

### CHARACTERISTICS

#### Construction characteristics

Pilot wires	None
Conductor material	Copper
Type of conductor	Circular, stranded
Insulation	PVC
Screen	Copper wire
Outer sheath	PVC
Colour	-
Conductor flexibility	Class 2
Conductor shape	Circular
Core identification	White, Red
With Green/Yellow core	No
With smaller neutral conductor	No

#### Dimensional characteristics

Number of cores	2
Conductor cross-section	25 mm <sup>2</sup>
Nominal overall diameter	- mm
Nominal overall diameter	17.6 x 26.4
Gland Size (A2 or A2F)	-
Gland Size (CX/Z)	-
Nominal outer sheath thickness	3.2 mm
Approximate weight	1.1 kg/m
Neutral conductor section (when smaller)	- mm <sup>2</sup>

#### Electrical characteristics

Max. DC resistance of the conductor at 20°C	0.727 Ohm/km
Permissible short circuit current conductor 1s	- kA
Rated Voltage U <sub>0</sub> /U (U <sub>m</sub> )	0.6/ 1 (1.2) kV

#### Mechanical characteristics

Cable flexibility	Rigid
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#### Usage characteristics

Max. conductor temperature in service	75 °C
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### CURRENT CARRYING CAPACITIES SINGLE PHASE (IN AMPS) - TWO CORE PVC NEUTRAL

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

Conductor cross-section [mm <sup>2</sup> ]	 Cu	 Cu	 Cu	 Cu	 Cu	 Cu
25	111	104	87	138	103	52
 Air Spaced from Surface, Unenclosed	 Air touching, unenclosed	 Air enclosed	 Buried direct	 Buried in single-way duct	 Cable surrounded by thermal insulation, unenclosed	

### INSULATION COLOURS

No. Cores	Insulation Colour
1	Red
1 (plus pilot)	Red, Orange Pilot
2	Red, White
2 (plus pilot)	Red, White, Orange Pilot