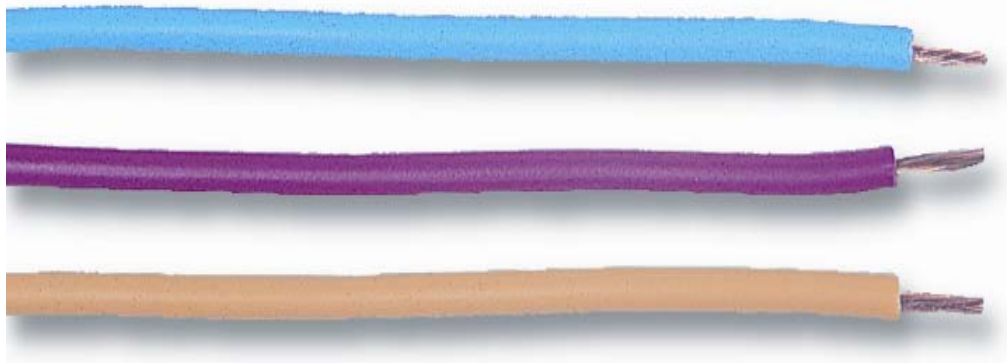# Control & Switchgear Wires
1.5 mm²

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Specifications:

Description:

1.5 mm² (16 AWG) plain copper, heat resisting PVC insulated
UL style 1015; CSA type TEW; BS6231, type CK; tri-rated

Conductor:

1.5 mm² (16 AWG) plain annealed copper bunch meeting the requirements of BS 6360, class 5; UL subject 758 (page 26); CSA standard C22.2 No. 127

Minimum cross-sectional area   : 1.27 mm²
Maximum lay of bunch   : 50.8 mm
Maximum resistance at 20°C   : 13.3 Ω/km

Insulation:

PVC compound meeting the requirements of type TI 3 to BS EN 50363; class 43 PVC to UL1581; class 28 to CSA standard C22.2 No. 127

Minimum thickness at any one point   : 0.69 mm (UL / CSA)
Minimum average thickness   : 0.8 mm (BS)
Minimum overall diameter   : 3 mm (BS)
Maximum overall diameter   : 3.6 mm (BS)
Printed (in one line): CSA type TEW 105°C 600 V FT-1 LL55192 E28423 16 AWG * AWM style 1015 105°C 600 V VW-1 BS6231 1.5 mm² heat resisting 90
Note : * is the recognized component mark

Lay up   : Not applicable

Screen   : Not applicable

Sheath   : Not applicable

Service Data:

For use in the wiring of switch, control, metering, relay, and instrument panels of power switchgear, and for such purposes as internal connections in rectifier equipment and in motor starters and controllers

www.element14.com
www.farnell.com
www.newark.com
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Specifications:

Service Data:

Rated voltage	: 600 / 1,000 V
Current rating (in free air) at 30°C	: 24 A, (subject to de-rating for higher ambient temperatures, bunched circuits and if overload protection is by means of fuses)
Maximum conductor temperature (BS 6231)	: 90°C
Maximum temperature rating (UL / CSA)	: 105°C
Approximate mass / unit length	: 21 kg/km

Part Number Table

Description	Part Number
Wire, Tri Rated, Black, 1.5 mm, 100 m	CBBR0191
Wire, Tri Rated, Blue, 1.5 mm, 100 m	CBBR0192
Wire, Tri Rated, Brown, 1.5 mm, 100 m	CBBR0193
Wire, Tri Rated, Grey, 1.5 mm, 100 m	CBBR0195
Wire, Tri Rated, Orange, 1.5 mm, 100 m	CBBR0196
Wire, Tri Rated, Red, 1.5 mm, 100 m	CBBR0198
Wire, Tri Rated, White, 1.5 mm, 100 m	CBBR0200
Wire, Tri Rated, Yellow, 1.5 mm, 100 m	CBBR0201
Wire, Tri Rated, Grn/Yel, 1.5 mm, 100 m	CBBR0202

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