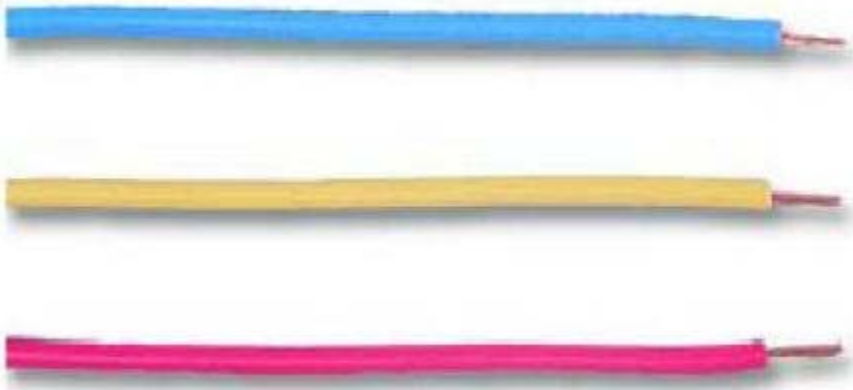


Tri-Rated Control & Switchgear Wire

10 mm²



Specifications

Part Number : varies with colour and packing length.

Description:

10mm² (10AWG) plain copper, heat resisting PVC insulated.
UL style 1015; CSA type TEW; BS6231, type CK; tri-rated.

CONDUCTOR:

10mm² (8AWG) (approximately 31/0.2mm*) 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 : 8.20mm².

Maximum resistance at 20°C : 1.91Ω/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 : 1.02mm (UL/CSA).

Minimum average thickness : 1.14mm (BS).

Minimum overall diameter : 7.8mm (BS).

Maximum overall diameter : 5.3mm (BS).

Printed (in one line): CSA TYPE TEW 105°C 600V FT-1 LL55192 E28423 8AWG * AWM STYLE 1015 105°C 600V VW-1
BS6231 10mm² heat resisting 90

Note: * This is a nominal number of strands. All wires made to meet minimum cross-sectional area and maximum resistance as set in BS specification.

Lay up : Not applicable.

Screen : Not applicable.

Sheath : Not applicable.

Tri-Rated Control & Switchgear Wire

10 mm²



Specifications

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.

Rated voltage	: 600/1000V.
Current rating (in free air) at 30°C	: 79A, (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	: 128kg/km.

Part Number Table

Description	Part Number
Wire, Tri Rated, Black, 10mm, 100M	CBBR1541
Wire, Tri Rated, Red, 10mm, 100M	CBBR1542
Wire, Tri Rated, Grn/Yel, 10mm, 100M	CBBR1543
Wire, Tri Rated, Blue, 10mm	T/RATED 10MM BLU
Wire, Tri Rated, 10mm YELL	T/RATED 10MM YEL
Wire, Tri Rated, Grey, 10mm, 100M	T/RATED 10MM GRY 100M
Wire, Tri Rated, Brown, 10mm, 100M	T/RATED 10MM BRN 100M

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