



Datasheet

ENGLISH

RS PRO 305m TRI-RATED SWITCHGEAR AND PANEL WIRING

Stock No: 2252148



Manufactured to: BS 6231 Type CK

- Underwriters Laboratory Listed. Conforms to subject 758 Appliance Wiring Material for Styles 1015, 1028, 1283 and 1284 where applicable.
- Canadian Standards Association approved. Complies with Standard C22.2, No.127, Type TEW

Conductor:	Flexible Plain Annealed Copper
Oil Resistance:	This cable is recognised by CSA and UL as resistant to oil at temperatures up to 60°C
Spread of Flame:	Tested to BS EN 50265, VW-1 and FT-1
Temperature range:	UL and CSA recognised as heat resisting with a maximum conductor operating temperature of 105°C. BS6231 specifies a maximum operating temperature of 90°C for continuous use. Annex A of BS6231 explains how under certain conditions these cables can operate at up to 105°C.

These cables are intended 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 its motor starters and controllers. They are intended for use at alternating voltages not exceeded 600 V to earth, and direct voltages not exceeded 1000V to earth. When installed in the equipment they are suitable for wiring circuits for which the prescribed alternating test voltage does not exceed 4kV r.m.s for 1 minute.

By being approved to three international standards Tri-Rated cable is suitable for equipment installations required to meet both North American and European wiring regulations and codes of practice.



Dimensional Details:

Nominal Cross Sectional Area of Conductor (mm ²)	Nominal Stranding of Conductor (mm)	Nominal Overall Diameter (mm)	UL Style Number	Approximate Weight (kg/km)	Maximum Current Rating (Amperes)	Length (m)
0.75	24/0.2	2.8	1015	15	14	305

This range of 305m cable is also available in different lengths. Please see the RS article codes below:

stock number:	180-5921	Black Tri-rated cable 0.75mm 100m
	180-5922	Blue Tri-rated cable 0.75mm 100m
	180-5923	Brown Tri-rated cable 0.75mm 100m
	180-5968	Green Tri-rated cable 0.75mm 100m
	180-5930	Green/yellow Tri-rated cable 0.75mm 100m
	180-5924	Grey Tri-rated cable 0.75mm 100m
	180-5931	Orange Tri-rated cable 0.75mm 100m
	180-5928	Pink Tri-rated cable 0.75mm 100m
	180-5926	Red Tri-rated cable 0.75mm 100m
	180-5925	Violet Tri-rated cable 0.75mm 100m
	180-5927	White Tri-rated cable 0.75mm 100m
	180-5932	Yellow Tri-rated cable 0.75mm 100m

Weight and dimensional information is provided as an approximate guide only.

Current Ratings Based On:

1. Single conductor in free a air.
2. Ambient temperature of 35°C.
3. Conductor temperature rise of 35°C.

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