

Features

- BASEC Approved
- UL Listed
- CSA Approved
- Oil Resistance at temperatures upto 60°C
- 90°C Operating Temperature

RS PRO Family Name

RS Stock No.: 0731084



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

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 exceeding 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.

General Specifications

Conductor	Flexible Plain Annealed Copper
Nominal Size	1 x 6.0mm ²
Nominal Stranding	84*0.3mm
Nominal Overall Diameter	5.3mm
Insulation	PVC
Insulation Colour	Lilac
Length	100m
Weight per Km	73 Kg/Km

Electrical Specifications

Underwriters Laboratories	Subject 758 (Appliance Wiring Material)
Canadian Standards Association	Standard C22.2, No.127, Type TEW
Current Rating	Maximum 53A
AC Voltage Rating	Not to Exceed 600V to Earth
Dc Voltage Rating	Not to Exceed 1000V to Earth
Spread of Flames	BS EN 50265, VW-1 & FT-1
UL Style Number	1015

Mechanical Specifications

Operating Temperature	Maximum 90 °C
BS 6231 Annex A	Permissible Under Certain Conditions at up to 105 °C
UL & CSA	Recognized as Heat-Resisting at 105 °C Recognized as Oil Resistance at up to 60 °C
AC Test Voltage	4 kV r.m.s for 1 minute

Approvals

Third Party Approvals	British Approval Service for Cable Canadian Standards Association Underwriters Laboratories
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Similar Products

Stock No.	Brand	Product Name	Number & Size of Conductor	Length	Colour
TR6.0L100RS	RS PRO		1 x 6.0mm ²	100m	Lilac
TR6.0GN100RS	RS PRO		1 x 6.0mm ²	100m	Green

Connection Diagrams / Assembly Diagrams / Illustrations / Accessories