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Hook Up Wire

Features

- Lower carbon footprint
- Manufactured using copper with <1.7kg CO_2/kg as opposed to the global average of copper which is 4.5kg CO_2 / kg
- BASEC Approved
- UL Approved
- CSA Approved

RS PRO Hook Up Wire

RS Stock No.: 2567019



*Representative image colour will change

RS PRO 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.

Hook Up Wire

Product Description

Manufactured using copper that has been validated and third party verified to ensure that the ratio of CO_2 per kg than the global average. Verified by Intertek and DNV with calculations in accordance with GHG protocol, the copper in this cable has a ratio of <1.7:1 (CO_2:Cu), compared to the global average which has a ratio of >4.5:1 (CO_2:Cu). Resulting in copper that has over 2.5 time less CO_2 impact than the global average.

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.

General Specifications

Conductor	Flexible Plain Annealed Copper Class 5
Insulation	Heat Resisting PVC
Insulation Colour	Red
Oil Resistance	This cable is recognised by CSA and UL as resistant to oil at temperatures up to 60°C
Standard	BS6231 Type CK UL 758 Appliance Wiring Material for Styles 1015, 1028, 1283 and 1284 where applicable. CSA C22.2, No.127, Type TEW
Number of conductors	1
Size of conductors	0.75mm^2

Mechanical Specifications

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
Spread of flame	Tested to BS EN 60332-1-2, VW-1 and FT-1
Minimum bending radius	6 x diameter

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Electrical Specifications

Voltage Rating	600/1000V
Maximum Current rating	14 amperes

Current Ratings Based On: Single conductor in free air. Ambient temperature of 35°C. Conductor temperature rise of 35°C.

Approvals

BASEC (British Approvals Service for Cables)	BS6231 Type CK
UL (Underwriters Laboratory)	Conforms to subject 758 Appliance Wiring Material for Styles 1015, 1028, 1283 and 1284 where applicable
CSA (Canadian Standards Association)	Complies with Standard C22.2, No.127, Type TEW
RoHS	RoHS Compliant

Additional Information

Stock No.	Brand	Product Name	Number and size of conductor	Length	Colour
2567013	RS PRO	Low Carbon Copper	1 x 0.5mm^2	100m	Black
2567014	RS PRO	Low Carbon Copper	1 x 0.5mm^2	100m	Blue
2567015	RS PRO	Low Carbon Copper	1 x 0.5mm^2	100m	Red
2567017	RS PRO	Low Carbon Copper	1 x 0.75mm^2	100m	Black
2567018	RS PRO	Low Carbon Copper	1 x 0.75mm^2	100m	Blue
2567019	RS PRO	Low Carbon Copper	1 x 0.75mm^2	100m	Red
2567020	RS PRO	Low Carbon Copper	1 x 1.0mm^2	100m	Black
2567021	RS PRO	Low Carbon Copper	1 x 1.0mm^2	100m	Blue
2567023	RS PRO	Low Carbon Copper	1 x 1.0mm^2	100m	Brown
2567024	RS PRO	Low Carbon Copper	1 x 1.0mm^2	100m	Green/Yellow
2567025	RS PRO	Low Carbon Copper	1 x 1.0mm^2	100m	Red
2567026	RS PRO	Low Carbon Copper	1 x 1.0mm^2	100m	White
2567027	RS PRO	Low Carbon Copper	1 x 1.5mm^2	100m	Black
2567028	RS PRO	Low Carbon Copper	1 x 1.5mm^2	100m	Blue
2567029	RS PRO	Low Carbon Copper	1 x 1.5mm^2	100m	Brown
2567030	RS PRO	Low Carbon Copper	1 x 1.5mm^2	100m	Green/Yellow
2567031	RS PRO	Low Carbon Copper	1 x 1.5mm^2	100m	Red
2567032	RS PRO	Low Carbon Copper	1 x 1.5mm^2	100m	White
2567033	RS PRO	Low Carbon Copper	1 x 2.5mm^2	100m	Black
2567034	RS PRO	Low Carbon Copper	1 x 2.5mm^2	100m	Blue

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2567035	RS PRO	Low Carbon Copper	1 x 2.5mm²	100m	Brown
2567036	RS PRO	Low Carbon Copper	1 x 2.5mm²	100m	Green/Yellow
2567037	RS PRO	Low Carbon Copper	1 x 2.5mm²	100m	Grey
2567038	RS PRO	Low Carbon Copper	1 x 2.5mm²	100m	Red
2567039	RS PRO	Low Carbon Copper	1 x 2.5mm²	100m	White

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