NR/SP/ELP/40045 Points Heating Cable

Eland Product Group: A5RPH

APPLICATION

Designed for power distribution in points heating systems. These heavy duty cables offer protection from abrasion and mechanical impact whilst maintaining flexibility to ease installation.

CONSTRUCTION

Conductor
Class 5 flexible tinned copper conductor

Insulation
EPR (Ethylene Propylene Rubber)

Sheath
PCP (Polychloroprene)

Core Identification
4 core (in order of rotation): Yellow Yellow Blue Blue
8 core: Yellow Yellow Blue Blue Brown Brown Black Black

Sheath Colour
Black

CABLE THIRD-PARTY ACCREDITATION

Network Rail (NR) certified and PADS listed as meeting the requirements for installation within their network

STANDARDS

NR/SP/ELP/40045 (previously RT/E/PS/40045) BS 7919
BS 503663, BS 7655

THE CABLE LAB®

AN ISO/IEC 17025 AND IECEE CBTL ACCREDITED FACILITY

Our world-class testing facility assures the quality and compliance of this cable through a continuous and rigorous testing regime.

SUSTAINABILITY COMMITMENT

We are on a journey to Net Zero.

We've committed to near-term emissions reductions and a net-zero target with the Science Based Targets initiative and we're a signatory to the United Nations Global Compact Sustainable Development Goals.

Learn more about embodied carbon and our carbon emissions reduction actions, our comprehensive recycling services, and wider ESG activities for sustainable operations at: www.elandcables.com/company/about-us/esg-sustainability

REGULATORY COMPLIANCE

This cable meets the requirements of the RoHS Directive 2015/65/EU and Reach Directive EC 1907/2006. RoHS compliance has been tested and confirmed by The Cable Lab®.

DIMENSIONS

ELAND PART NO.	NETWORK RAIL PART NO. / PADS	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm²	NO. OF STRANDS	DIAMETER OF STRANDS mm	MINIMUM OVERALL DIAMETER mm	MAXIMUM OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km	THICKNESS OF INSULATION mm
A5RPH04015	006/150002	4	1.5	30	0.25	13.8	14.3	220	0.8
A5RPH04025	006/147000	4	2.5	50	0.25	16	16.5	390	0.9
A5RPH04040	-	4	4	56	0.3	18	18.5	420	1
A5RPH04060	-	4	6	75	0.3	15.4	17.4	490	1
A5RPH0410	-	4	10	73	0.4	20.8	22.8	870	1
A5RPH08015	006/153102	8	1.5	30	0.25	17.9	18.5	460	0.8
A5RPH08025	006/153110	8	2.5	50	0.25	21	21.8	690	0.9
A5RPH08040	006/153103	8	4	56	0.3	22.6	23.6	830	1
A5RPH08060	006/153111	8	6	75	0.3	24.5	25.5	1010	1
A5RPH0810	006/153112	8	10	73	0.4	29.3	31.3	1650	1.2
A5RPH0816	006/153113	8	16	114	0.4	35.2	37.2	2400	1.2

CONDUCTORS

Class 5 Flexible Copper Conductors for Single Core and Multi-Core Cables

NOMINAL CROSS SECTIONAL AREA mm²	MAXIMUM DIAMETER OF WIRES IN CONDUCTOR mm	MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C ohms/km
		Metal-Coated Wires
1.5	0.26	13.7
2.5	0.26	8.21
4	0.31	5.09
6	0.31	3.39
10	0.41	1.95
16	0.41	1.24

The above table is in accordance with BS EN 60228

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