

K. LACEY WIRES AND CABLES

PVC INSULATED BS6231

SWITCHGEAR & CONTROL GEAR WIRING

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CONSTRUCTION

Plain Annealed Copper conductors.
Heat resistant PVC insulation.

SPECIFICATION

BS6231

Types BU and BR, CU and CR – rigid cables
Types and CK – flexible cables

SCOPE

For use in panel wiring, switchgear, control, relays and instrument panels of power switchgear and for internal connection in appliance rectifier equipment. Starter motors and controllers.

Maximum Temperature Rating:-

TYPES; BK, BR & BU – 70°C.
TYPES; CK, CR & CU - 90°C

Voltage rating:-

600/1000V

Suitable for wiring circuits for which the prescribed alternating test voltage, when installed in the equipment, does not exceed 4kV r.m.s. for 1 minute.

See following tables for individual cable characteristics.

IN HOUSE STRIPING AND COLOURING SERVICE FOR NON-STANDARD COLOURS
CUTTING AND STRIPPING SERVICE ALSO AVAILABLE

CONTACT US NOW FOR A QUOTATION

Tel. +44 (0) 1903 771336 Fax. +44 (0) 1903 255411 Email. sales@klaceyables.co.uk

INFORMATION GIVEN IS BASED ON GENERAL EXPERIENCE ONLY AND IS GIVEN IN GOOD FAITH. NO WARRANTY IS GIVEN WITH RESPECT TO THE INFORMATION AND USERS MUST DETERMINE THE SUITABILITY OF THE PRODUCT PRIOR TO ANY PARTICULAR USE.

AS9120 Rev A and ISO9001:2008 APPROVED BSI. RS000146 BAE APPROVED

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Nom. CSA of Cond.	Strand	Type	Radial Thickness of Insulation Nom mm	O/Dia. mm
0.50	16/0.2	BK & CK	0.8	3.00
0.75	24/0.2	BK & CK	0.8	3.20
1.00	1/1.13	BU & CU	0.8	3.20
1.00	7/0.44	BR	0.8	3.30
1.00	32/0.2	BK & CK	0.8	3.40
1.50	1/1.38	BU & CU	0.8	3.50
1.50	7/0.53	BR	0.8	3.60
1.50	30/0.25	BK & CK	0.8	3.70
2.50	1/1.78	BU & CU	0.8	3.90
2.50	7/0.67	BR & CR	0.8	4.20
2.50	50/0.25	BK & CK	0.8	4.20
4.00	7/0.85	BR & CR	0.8	4.80
4.00	56/0.3	BK & CK	0.8	4.80
6.00	7/1.04	BR & CR	0.8	5.40
6.00	84/0.3	BK & CK	0.8	6.30
10.00	7/1.35	BR & CR	1.0	6.80
10.00	80/0.4	BK & CK	1.0	7.60
16.00	7/1.70	BR & CR	1.0	8.00
16.00	126/0.4	BK & CK	1.0	8.80
25.00	7/2.14	BR & CR	1.2	9.80
25.00	196/0.4	BK & CK	1.2	11.00
35.00	19/1.35	BR & CR	1.2	11.00
35.00	276/0.4	BK & CK	1.2	12.50
50.00	19/1.78	BR & CR	1.4	13.00
50.00	396/0.4	BK & CK	1.4	14.50
70.00	19/2.14	BR & CR	1.4	15.00
70.00	360/0.5	BK & CK	1.4	17.00
95.00	37/1.78	BR & CR	1.6	17.00
95.00	475/0.5	BK & CK	1.6	19.00
120.00	37/2.03	BR & CR	1.6	19.00
120.00	608/0.5	BK & CK	1.6	21.00
150.00	37/2.23	BR	1.8	21.00
150.00	756/0.5	BK & CK	1.8	23.50
185.00	37/2.52	BR	2.0	23.50
185.00	925/0.5	BK & CK	2.0	26.00
240.00	61/2.25	BR	2.2	26.50
240.00	1221/0.5	BK & CK	2.2	29.50

Note ; the number of strands given is nominal and may vary.

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