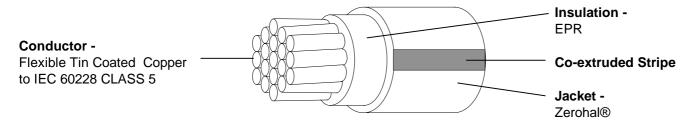


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Page 2 is internal use only

600/1000 VOLT POWER CABLE

The complete requirements for procuring the wire described herein shall consist of this document and the issue in effect of the referenced specifications. This document takes precedence over documents referenced herein.



Part	CONDL	ICTOR	FINISHED WIRE							
Number	Stranding		Maximum	Insul	ation		Jacket			
	No. x Diam.	Nom.	Resistance	Nom.	Nom.	Nom.	Outside Diameter		Nom.	
	Nom.#	Diameter	@ 20° C	Thickness	Diameter	Thickness	(mm)		Weight	
	(mm)	(mm)	(ohms/km)	(mm)	(mm)	(mm)	Min	Nom.	Max	(kg/ km)
LHCS15-1.5-**	30/0.25	1.49	13.2	0.35	2.20	0.50	3.05	3.20	3.35	23.0
LHCS15-2.5-**	50/0.25	1.89	7.89	0.45	2.80	0.50	3.60	3.80	4.00	35.0
LHCS15-4.0-**	56/0.30	2.49	4.89	0.55	3.60	0.50	4.35	4.60	4.85	53.0
LHCS15-6.0-**	84/0.30	2.96	3.23	0.60	4.20	0.55	5.05	5.30	5.55	77.0
LHCS15-10.0-**	84/0.40	4.60	1.85	0.50	5.60	0.50	6.30	6.60	6.90	125
LHCS15-16.0-**	126/0.40	5.70	1.18	0.50	6.70	0.50	7.30	7.70	8.10	182
LHCS15-25.0-**	196/0.40	7.20	0.760	0.70	8.60	0.65	9.40	9.90	10.4	289
LHCS15-35.0-**	280/0.40	8.40	0.540	0.75	9.90	0.70	10.7	11.3	11.9	402

#Note: Maximum conductor strand diameter equals nominal OD + 0.1 mm.

COLOUR The '**' in the part number represents the colour code designator in accordance CODE: with MIL-STD-681,(e.g. - LHCS15-2.5-45 yellow insulation with green stripe).

STRIPE All products to carry three co-extruded longitudinal stripes, 30% minimum overall

DETAIL: coverage.

ADDITIONAL Primary insulation to meet the requirements of Type GP5 to BS 6899.

REQUIREMENTS: Outer jacket and completed cable to meet the requirements of WCD 2015

The 'Y' in the part number represents the conductor cross sectional area in mm2

Routine Spark Test to BS 5099

Primary Insulation

,		
Wire Size		Voltage
(mm²)	(kV ac rms)	kV impulse
1.5-150	6	9
185-400	10	15

Completed Cable

Wire Size	Voltage	Voltage		
(mm²)	(kV ac rms)	(kV impulse)		
1.5-16.0	7	11		
25.0-35.0	10	15		

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