

Specification Control Drawing

ZHPCGS-15
Issue 4
29th July 2010
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750 VOLT STRIPED HALOGEN FREE POWER CABLE

The complete requirements for procuring the wire described herein shall consist of this document.

Conductor - Co-Extruded Stripe Special Class 5 to IEC 60228 Insulation Flexible polyolefin containing no added halogens Co-Extruded Stripe Outer Jacket - Zerohal®

STRIPE DETAILS: All products to carry three co-extruded longitudinal stripes with a minimum 30% overall coverage.

	COND	UCTOR	FINISHED WIRE			
Part	Maximum	Maximum	Max	Outer Diameter (mm)		Maximum
Description	diameter	Diameter	Resist	Lower	Upper	Weight
	of strands		@20 °C	Spec	Spec	(kg/km)
	(mm)	(mm)	(ohms/km)	Limit	Limit	
ZHPCGS-15-6.0-#	0.31	3.05	3.39	5.06	5.56	85.0
ZHPCGS-15-10.0-#	0.41	4.05	1.95	6.23	6.88	135
ZHPCGS-15-16.0-#	0.41	5.20	1.24	7.63	8.48	195
ZHPCGS-15-25.0-#	0.41	7.00	0.795	9.20	10.3	300
ZHPCGS-15-35.0-#	0.41	7.75	0.565	10.7	11.9	443
ZHPCGS-15-50.0-#	0.41	9.20	0.393	12.9	14.1	623

 $\label{eq:Zerohal} \textbf{Zerohal'}^{\circledcirc} \textbf{is a registered trademark of Tyco Electronics Corporation}.$

COLOUR CODE: The '#' in the part description shall be replaced by standard colour designators

in accordance with Mil Std 681.

e.g. ZHPCGS-15-10.0-45 yellow outer jacket with green stripe.

PERFORMANCE The above products are identical to Tyco Electronics product ZHPCG-15 -**, except

REQUIREMENTS: for colour and stripes.

To be tested and meet the requirements of the issue in effect of

Tyco Electronics specification WSD1265.

APPROVAL: Electronic sign off - no signatures will appear.

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