

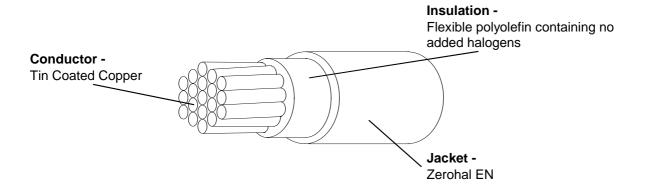
Specification Control Drawing

ZHENS Issue 3 30th June 2015

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1000/1600 VOLT FLEXIBLE 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.



	CONDUCTOR			FINISHED WIRE				
Part	Conductor	Nominal	Maximum	Resistance	Outer Diameter (mm)			Maximum
Description	Stranding	Strand	Diameter	@ 20°C	Lower		Upper	Weight
	No x AWG	Diameter	(mm)	Maximum	Spec	Target	Spec	(kg/km)
		(mm)		(Ohms/km)	Limit		Limit	
ZHENS-8-#	1078 x 38	0.100	4.57	2.33	6.32	6.50	6.83	119.0
ZHENS-4-#	1666 x 36	0.127	7.37	0.902	9.33	9.75	10.35	275.9
ZHENS-2-#	2646 x 36	0.127	8.81	0.561	12.94	13.10	13.76	465.5
ZHENS-0-#	4256 x 36	0.127	10.92	0.361	14.95	15.30	16.07	678.1
ZHENS-00-#	5320 x 36	0.127	12.10	0.285	16.67	17.00	17.85	846.0
ZHENS-000-#	6783 x 36	0.127	13.97	0.223	18.85	19.20	20.16	1073.2
ZHENS-0000-#	8379 x 36	0.127	17.27	0.180	22.17	22.50	23.63	1433.9

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COLOUR CODE: The '#' in the part number represents the outer jacket colour.

e.g. ZHENS-8-0 is 8AWG conductor size, with a black jacket. Standard colour black but other colours available on request.

PERFORMANCE REQUIREMENTS:

To be tested to and meet the requirements of the issue in effect of WSD2521

APPROVAL: Electronic sign off - no signatures will appear.

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