Specification Control Drawing

VG 95218 T023 C112 to C118 And C135 Issue 3 18th December 2019 Page 1 of 1

THREE CONDUCTOR CABLE, HALOGEN FREE INSULATION, SHIELDED AND HALOGEN FREE JACKETED, 600 VOLT AC, 105°C

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

Shield Tin Coated Copper, Optimised

Component wire -VG 95218 T020 EXX9 See Below

Part	Nominal	Component	Maximum	Shield	Jacket Thickness		Overall Diameter			Maximum
Description	Conductor	Wire	Resistance	Size	(mm)		(mm)			Weight
	Cross	Description	@ 20°C	(mm)						(kg/km)
	Sectional		(Ohms/km)							
	Area									
	(mm²)				Min	Nom	Min	Nom	Max	
VG 95218 T023 C135	0.15	VG 95218 T020 E129	135.0	0.10	0.15	0.28	3.07	3.22	3.39	20.1
VG 95218 T023 C112	0.25	VG 95218 T020 E019	85.6	0.13	0.15	0.28	3.41	3.58	3.77	26.9
VG 95218 T023 C113	0.40	VG 95218 T020 E029	51.5	0.13	0.15	0.28	3.80	4.00	4.20	34.1
VG 95218 T023 C114	0.50	VG 95218 T020 E039	40.9	0.13	0.15	0.28	3.98	4.19	4.40	39.5
VG 95218 T023 C115	0.60	VG 95218 T020 E049	31.7	0.13	0.15	0.28	4.18	4.40	4.62	43.6
VG 95218 T023 C116	0.75	VG 95218 T020 E059	27.2	0.13	0.15	0.28	4.43	4.67	4.91	49.4
VG 95218 T023 C117	1.00	VG 95218 T020 E069	20.4	0.13	0.15	0.28	4.65	4.89	5.13	56.2
VG 95218 T023 C118	1.20	VG 95218 T020 E079	15.6	0.13	0.15	0.28	5.03	5.29	5.55	67.4

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Jacket -Zerohal[®]

Colour - Black

COLOUR CODE: Components for the above cables shall be VG 95218 T020 EXX9

Where XX = Size code, 9 = Component colour white

i.e. Components for VG 95218 T023 C112 shall be VG 95218 T020 E019

Jacket colour shall be black.

PERFORMANCE Shall be tested to the issue in effect of WSD 955.

REQUIREMENTS: Shall meet the requirements of the issue in effect of VG 95218 Part 23 Specification

for Type C cables.

MARKING

REQUIREMENTS: The components shall be marked 1, 2 & 3 as per VG 95218-2 Clause 5.1.2.2.

APPROVAL: Electronic sign off - no signatures will appear.