MGGO VG95218T60

Halogen-free power cables for marine in acc. with VG 95218 part 60



For fixed installation on ships in all locations and on open decks. The definitions for installation in BV 3400 apply.

STANDARDS

VG 95218-60	General
VG 95218-2	Fire performance
VG 95218-2	Chemical behaviour

CABLE DESIGN

Marketing text 1	Copper: plain, round stranded, in accordance with VG 95218 part 60
Core insulation material	Cross-linked LS0H
Material outer sheath	Crosslinked polymer

ELECTRICAL & THERMAL PARAMETERS

Rated voltage U0/U (Um)	0.6/1 (1.2) kV
Test voltage [kV]	3.5
Max. operation temperature at conductor [°C]	90
Max. conductor temperature [°C]	90
Max. conductor temperature at short circuit [°C]	250
Min. Installation temperature [°C]	-15

CHEMICAL PROPERTIES

Halogen free	acc. BS EN 60754-1/2
Low smoke	acc. BS EN 61034-2
Oil resistant	acc. IEC/EN 60811-404
Ozone resistance	Yes

MECHANICAL PARAMETERS

CABLE PROPERTIES

Basic construction	External code	Diameter conductor [mm]	Cable diameter (min) [mm]	Cable diameter (max) [mm]	Cable weight [kg/km]
1X25	MGGO 1X25 (T60)	6.6	10.7	12.4	326
1X50	MGGO 1X50 (T60)	16.2	13.2	14.9	552
1X185F	MGGO-RF 1X185 (T60)	18.1	24.7	26.2	1,969

CABLE PROPERTIES ELECTRIC

Basic construction	External code	Current carrying capacity [A]	Short circuit current conductor (1sec) [kA]
1X25	MGGO 1X25 (T60)	150	3.58
1X50	MGGO 1X50 (T60)	225	7.15
1X185F	MGGO-RF 1X185 (T60)	520	26.5

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