Certificate No: LR2022471TA
Issue Date: 24/09/2020
Expiry Date: 23/09/2025

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	**OMERIN**
Address	Division Principale, Zone Industrielle, Ambert, 63600, France
Type	Cables Power
Description	Halogen free, flame retardant/fire resistant, single core, silicon rubber insulated, silicone coated synthetic reinforcing braid, shipboard power cables
Trade Name	SILICOUL - 1,1 kV / SILICOUL - 3,7 kV / SILICOUL - 6,6 kV / SILICOUL - 13,8 Kv
Application	For use as coil leads in generators, motors, engines, transformers, switchgear and other high temperature connections for marine equipment

Specified Standard

Construction:	IEC 60092 –350: 2020 IEC 60092-353: 2016\n IEC 60092-354: 2020 IEC 60092-360: 2014
Amount of halogen acid gas:	IEC 60754-1: 2011+ corrigendum 1of 2013
	EN60684-2: 2012
Halogen free:	IEC 60754-2:2011
Conductor type:	IEC 60228:2004
Flame retardance:	IEC 60332-1-1:2015

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Matt Higgins

Electrical Specialist to Lloyd's Register EMEA
A member of the Lloyd's Register group

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	Fire resistance:	IEC60332-1-2: 2015 IEC 60332-3-22:2018 IEC60331-11: 2009 IEC 60331-21: 1999

Ratings

LR Test Spec No.3 (2015)

Type,	Crosssection, mm^2,	Conductor class,
SILICOUL 1,1 kV	1.5 to 400	class5
SILICOUL 3,7 kV	1.5 to 400	class5
SILICOUL 6,6 kV	2.5 to 400	class5SILICOUL13,8 kV
	2.5 to 400	class5

Other Conditions

Continuous working temperature: -60 ºC to +180 ºC
Maximumconductor temperature: 95 ºC

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document No. LR2022471TA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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