Certificate No: LR21266423TA
Issue Date: 25/07/2021
Expiry Date: 24/07/2026

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 **ABB SpA - Electrification Business Distribution Solutions**

Address Via Friuli, 4, Dalmine, (BG), Italy, 24044, Italy

Type Contactors

Description Fixed and Withdrawable Vacuum Contactor

Trade Name VSC 7, VSC 7/P, VSC 12, VSC 12/P equipped with MAC ED1 or MAC R2 electronic device

Application Marine and Off-Shore units for use in environmental categories ENV1, ENV2 and ENV3 as Defined in Lloyd's Register Test Specification No.1 : 2013.

Specified Standard IEC 62271-106: 2011 (IEC 60470:1999)

Ratings

	VSC 7 VSC 7/P	VSC 12 VSC 12/P
Voltage [kV]:	7.2	12
Utilization Category:	AC-4	AC-4
Frequency [Hz]:	50/60	50/60
Thermal Current Ith[A]:	400	400
Breaking Capacity [kA]:	5	5
Coupled Fuses (/P version only) [A]:	63 - 315	63 - 200

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Maurizio Crucil

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

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

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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.

Previous Version: 11/00028 (E2)

The Design Appraisal Document LR21266423DA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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