

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 S.p.A.
Address	Via Vittor Pisani, 16, Milano, (MI), 20124, Italy
Type	Fuse Holders
Description	Fuse Holder and Fuse Switch Disconnecter
Trade Name	E 90 Series
Application	Marine, Offshore and Industrial for use in environmental categories ENV1, ENV2 and ENV3 as detailed in Lloyd's Register Type Approval System Test Specification Number 1, December 2020.
Specified Standard	Fuse Holder: IEC 60269-1:2006+A1:2009+A2:2014 IEC 60269-3:2010+A1:2013+A2:2019 Fuse Switch Disconnecter: IEC 60947-1:2020 IEC 60947-3:2020

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

Ilir Batalli

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

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.

Type Approval Certificate

Ratings

	Fuse Holder	Fuse Switch Disconnecter
Poles:	-	1P; 1P+N; 2P; 3P; 3P+N; 4P
Rated Current :	20 A; 32 A	20 A; 32 A
Rated Voltage :	400 V a.c.	400 V a.c.
Frequency :	50/60 Hz	50/60 Hz
Utilization Cat.:	-	AC-22B

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: 12/00018(E1)

The Design Appraisal Document LR22265688DA and its supplementary Type Approval Terms and Conditions form part of this Certificate.