



Lloyd's
Register

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.

This certificate is issued to:

PRODUCER

ABB Oy Distribution Solutions
Muottitie 2A
65320 Vaasa
Finland

DESCRIPTION

Protection relay

TYPE

RE①620②
according following selection types for type codes

①= Types:

F: Feeder

M: Motor

T: Transformer

②= Product Version:

Feeder: E_G1, 2.0 FP1 and C_G1, 2.0 FP1

Motor: E_G1, 2.0 FP1 and C_G1, 2.0 FP1

Transformer: E_G1, 2.0 FP1 and C_G1, 2.0 FP1

Software version: 2.1.x

APPLICATION

Marine, offshore and industrial applications for use in environmental categories ENV1 and ENV2 as defined in Lloyd's Register Type Approval System, Test Specification Number 1 May 2018.
For installation in "General Power Distribution Zones".

Certificate No.

19/20036

Issue Date

21 May 2019

**Expiry Date
Sheet**

20 May 2024
1 of 2

Lloyd's Register EMEA
71 Fenchurch Street, London EC3M 4BS



Antje Herms-Bondzio
Hamburg Technical Support Office
Lloyd's Register EMEA

Lloyd's Register EMEA
Is a subsidiary of 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 the '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.



Lloyd's
Register

STANDARD

Manufactures' specification:

RATINGS

Power supply Uaux nominal:
Type 1: 100, 110, 120, 220, 240 V, 50/60 Hz
48, 60, 110, 125, 220, 250 V d.c
Type 2: 24, 30, 48, 60 V d.c

OTHER CONDITIONS

The complete installation and function is subject to separate plan appraisal according applicable Rules and Regulations, when installed on LR classed vessels. If used in marine and offshore applications for safety critical functions leading to stop of machinery, back up means independent of REx620 series are to be provided unless an LR Software Conformity Certificate could be provided.

PLACE OF PRODUCTION

ABB Oy Distribution Solutions
Muottitie 2A
65320 Vaasa
Finland

The Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.

If the specified standards are amended during the validity of this certificate, the product is to be re-approved prior to it being supplied to vessels to which the amended standards apply.

The Design Appraisal Document No. HTS/ETS 38235-19 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

Certificate No.

19/20036

Issue Date

21 May 2019

**Expiry Date
Sheet**

20 May 2024
2 of 2

*Lloyd's Register EMEA
71 Fenchurch Street, London EC3M 4BS*



Antje Herms-Bondzio
Hamburg Technical Support Office
Lloyd's Register EMEA

LR031.1.2016.06

Antje Herms-Bondzio
Hamburg Technical Support Office
Lloyd's Register EMEA

Lloyd's Register EMEA
Is a subsidiary of 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 the '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.