TYPE APPROVAL CERTIFICATE

Polish Register of Shipping certifies that the undernoted product type

CIRCUIT-BREAKERS

EMAX 2
(E1.2, E2.2, E4.2, E6.2)

issued to

ABB S.p.A.
ABB Sace Division
Via Baioni 35
24123 Bergamo
Italy

is approved as complying with the requirements of the

PRS Rules and is suitable for use on board of ships classified by PRS
or in appliances with PRS certificates.

Certificate No. **TE/1023/880426/21**

Expiry date **2026-11-03**

Issued at

Gdańsk, 2021-11-04

C/020/57

Signature

Polski Rejestr Statków S.A.
al. Gen. Józefa Hallera 126
80-416 Gdańsk, Poland

Tel. +(48) 58 346 17 00
Fax +(48) 58 346 03 92

mailbox@prs.pl
www.prs.pl

Continued overleaf

Product description:

Emax 2 automatic air circuit-breakers.

Technical data:

Rated operational voltage [Ue]: up to 690 V a.c.
Rated insulation voltage [Ui]: 1000 V a.c.
Rated current (at +40°C ambient temp. – see additional conditions):
E1.2 up to 1600 A;
E2.2 up to 2500 A;
E4.2 up to 4000 A;
E6.2 up to 6300 A.
Poles: 3/4.
Method of installation: Fixed / Withdrawable.

Basis of approval

1. The technical documentation approved by PRS on 2021-10-04.
2. The inspection of the production process and quality control system carried out on 2021-10-21.
3. The Quality Management System (ISO9001) Certificate No. 8337/00/S issued by RINA.
4. Reports from environmental tests carried out acc. to PRS Publication 11/P (Ed. January 2020).
5. PRS Survey Report No. TM/PU/18/21 issued on 2021-10-22.

Additional conditions and remarks:

1. For the ambient temperature +45°C the rated current is to be corrected acc. to Manufacturer's data.
2. Each product is to be marked with: manufacturer name/logo, type, serial No., basic technical data.
3. The condition for maintain validity of this Certificate is to maintain validity of a.m. ISO9001 Certificate.
4. Place of manufacture: ABB S.p.A., ABB Sace Division, Via E. Fermi 14, 03100 Frosinone, Italy.

Notes

1 The approval is valid only when the product is used in accordance with the manufacturer's conditions.
2 Changes of product design and materials which influence product quality are to be agreed with PRS.
3 Type Approval Certificate will be cancelled in the case of dissatisfactory service results, modifications made in the product structure or materials without PRS' consent, not advising PRS of the manufacturer's name change.

Polish Register of Shipping means Polski Rejestr Statków S.A., seated in Gdańsk, al. gen. Józefa Hallera 126, 80-416 Gdańsk, Poland, registered in the Register of Entrepreneurs of the National Court Register, under entry number 0000019880. Polish Register of Shipping, its affiliates and subsidiaries, their respective officers, employees or agents are, individually and collectively, referred to as Polish Register of Shipping or as PRS for short.
In carrying out survey activities, PRS makes efforts to ensure that they are conducted with conscientiousness and the principles of good practice, with due regard paid to the state-of-the-art technology. However, neither PRS nor its Surveyors shall bear any civil liability for damage, loss or expense which may arise in consequence or as the outcome of conducting these activities, or the result of information or advice given to the customer by PRS, irrespective of whether or not such were the result of neglect, error or lack of proper information. Nevertheless, should the customer prove that such damage, loss or expense was due to negligence on the part of the Society or its Surveyors, PRS will pay compensation to the customer for his loss up to but not exceeding the amount due for services provided, forming the basis of the customer's claim. In no cases will PRS be responsible for indirect losses (loss of prospective profits, loss of contract, inability to undertake activities) sustained by the customer and associated with the executing of a commission by PRS.