



TYPE APPROVAL CERTIFICATE

Polish Register of Shipping certifies that the undernoted product type

SOFTSTARTERS

PSTX Series

manufactured by

ABB Electrification Sweden AB
Motor Starting & Safety
Motorgrand 20
721 61 Vasteras
Sweden

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/1004/880423/21**

Expiry date **2026-03-06**

Issued at

Gdańsk, 2021-03-07



C/020/54


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

Technical data

Product description:

Motors starting and control purposes.

Technical data:

Types:

PSTX30/37/45/60/72/85/105/142/170/210/250/300/370/470/570/720/840/1050/1250.

Rated operation voltage: 208 ... 690 V a.c.

Rated power at 400 V: 15 ... 710 kW.

Rated short-circuit current: 80 kA.

Other ratings and technical data: see ABB Catalogue „Softstarters” – Edition 2020.

Basis of approval

1. The technical documentation approved by PRS on 2021-04-16.
2. The inspection of the production process and quality control system carried out on 2021-04-09.
3. The Quality Management System (ISO9001) Certificate No. SE007580-1 issued by Bureau Veritas.
4. Reports from environmental and EMC tests carried out acc. to PRS Publication 11/P (Ed. January 2020).
5. Tests carried out in presence of PRS Surveyor on 2021-04-09.
6. PRS Survey Report No. TM/PU/7/21 issued on 2021-04-16.
7. The previous PRS Type Approval Certificate No. TE/2090/880423/16.

Additional conditions and remarks:

1. This type approval is for hardware and software.
2. Each product is to be marked with: ABB logo, type, basic technical data, serial number.
3. The condition for maintain validity of this Certificate is to maintain validity of a.m. ISO9001 Certificate.

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.

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