



Polski Rejestr Statków

TYPE APPROVAL CERTIFICATE

This is to certify that the undernoted product type

SOFTSTARTERS

PSExx and PSExxx Series

issued to

ABB AB
Control Products
Motorgrand 20
721 61 Vasteras
Sweden

is approved as complying with the requirements of the PRS Rules for Classification and Construction of Sea-going Ships and is suitable for use on board of ships classified by PRS.

Certificate No. **TE/2208/880423/18**

Expiry date **2021-03-06**

Issued at

Gdańsk, 2018-08-27



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

e-mail: mailbox@prs.pl
www: <http://www.prs.pl/>

Continued overleaf

Product description / purpose:

Softstarters for control of motor during start. They are provided with current limit and torque control functions and overload/underload/locked rotor protection.

Product information and general technical data:**Type designation:**

PSE18*-600-70; PSE25-600-70; PSE30-600-70; PSE37-600-70; PSE45-600-70; PSE60-600-70; PSE72-600-70; PSE85-600-70; PSE105-600-70; PSE142-600-70; PSE170-600-70; PSE210-600-70; PSE250-600-70; PSE300-600-70; PSE370-600-70;
PSE210-600-70-1**; PSE250-600-70-1; PSE300-600-70-1; PSE370-600-70-1.

* xx or xxx after PSE: maximum rated operational current

** „- 1” at the end: new design (frame size)

Rated operation voltage: from 208 up to 600 V a.c.

Rated power at 500 V: from 11 up to 250 kW.

Rated short-circuit current: 75/85 kA.

Basis of approval

1. The technical documentation approved by PRS on 2016-02-26 and 2018-08-20.
2. The inspection of the production process and quality control system carried out on 2016-03-01.
3. The Quality Management System (ISO 9001) Certificate No. SE005692-1 / SE005693-1 / SE005694-1.
4. Reports from environmental tests carried out acc. to PRS Publication 11/P (Ed. January 2016).
5. Tests carried out in presence of PRS Surveyor on 2016-03-01.
6. PRS Survey Report No. TM/PU/04/16 issued on 2016-03-04.

Additional conditions and remarks:

1. Each product is to be marked with: manufacturer name, type, serial number, permissible ambient temperature range, power supply rating, rated power, rated short-circuit current.
2. 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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