



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 AB Control Products  
Motorgränd 20  
SE-72161 Västerås,  
Sweden

**DESCRIPTION**

Softstarter Type PSTX

**TYPE**

PSTX①-②-③

according following selection types for type codes

①= Current rating [A]:

30, 37, 45, 60, 72, 85, 105, 142, 170, 210, 250, 300, 370, 470, 570, 720, 840,  
1050, 1250

②= Operational voltage:

600: 208 – 500 V 50/60 Hz

690: 208 – 690 V 50/60 Hz

③ = Control supply voltage:

70: 110 – 250 V 50/60 Hz

Software versions: PSTX Control Board: 1.36.x

PSTX HMI: 1.17.x

**Certificate No.**

15/20012 (E2)

**Issue Date**

28 May 2019

**Expiry Date**

22 January 2024

**Sheet**

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*Lloyd's Register EMEA*

*71 Fenchurch Street, London EC3M 4BS*



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Hamburg Technical Support Office  
Lloyd's Register EMEA

LR031.1.2016.06

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**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 1:2013.

**STANDARD**

IEC 60947-4-2: 2011  
EN 60947-4-2: 2012

**RATINGS**

Power Size	Power Rating Normal [kW]	Utilization Category
400 V		
PSTX30	15	AC-53a : 8-1.6 : 50-10
PSTX37	18.5	
PSTX45	22	
PSTX60	30	
PSTX72	37	
PSTX85	45	
PSTX105	55	
PSTX142	75	
PSTX170	90	
PSTX210	110	
PSTX250	132	
PSTX300	160	
PSTX370	200	
PSTX470	250	
PSTX570	315	
PSTX720	400	
PSTX840	450	
PSTX1050	560	
PSTX1250	710	

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**RATINGS (continued)**

Power Size	Power Rating Normal [kW]	Utilization Category
500 V		
PSTX30	18.5	AC-53a : 8-1.6 : 50-10
PSTX37	22	
PSTX45	25	
PSTX60	37	
PSTX72	45	
PSTX85	55	
PSTX105	75	
PSTX142	90	
PSTX170	110	
PSTX210	132	
PSTX250	160	
PSTX300	200	
PSTX370	257	
PSTX470	315	AC-53a : 5-2 : 50-6
PSTX570	400	
PSTX720	500	
PSTX840	600	
PSTX1050	730	
PSTX1250	880	

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**RATINGS (continued)**

Power Size	Power Rating Normal [kW]	Utilization Category
690 V		
PSTX30	25	AC-53a : 8-1.6 : 50-10
PSTX37	30	
PSTX45	37	
PSTX60	55	
PSTX72	59	
PSTX85	75	
PSTX105	90	
PSTX142	132	
PSTX170	160	
PSTX210	184	
PSTX250	220	
PSTX300	257	
PSTX370	355	
PSTX470	450	
PSTX570	560	
PSTX720	710	
PSTX840	800	
PSTX1050	1000	
PSTX1250	1200	

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**PLACE OF PRODUCTION**      ABB AB, Control Products  
Motorgränd 20,  
SE-72161 Västerås,  
Sweden

ABB Xinhui Low Voltage Switchgear Co Ltd.  
Jinguzhou Industrial Development Zone  
529100 Guangdong, Xinhui  
China

*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 38270-19 and its supplementary Type Approval Terms and Conditions form part of this Certificate.*

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