

Certificate of Compliance

Certificate: 1486890

Master Contract: 166591

Project: 1557556

Date Issued: May 24, 2004

Issued to: ABB Automation Technologies AB
Cewe-Control
SE-721 61 Västerås
SWEDEN

The products listed below are eligible to bear the CSA Mark shown



Authorized by: G. Foulem

PRODUCTS

CLASS 3211 06 – INDUSTRIAL CONTROL EQUIPMENT – Motor Controllers - Miscellaneous

Open type solid state ac motor controllers, Series Softstart Type PST and PSTB with the following electrical ratings:

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PART A: (Type PST)

Solid state ac motor controller with built in electronic overload protection, which provides a ramp start and stop for squirrel cage motors.

Type	Maximum FLA, A	Maximum 3 Phase Hp Ratings When Installed Across – the - Line			
		208 V	240 V	480 V	600 V
		PST30	28	7,5	10
PST37	34	10	10	25	30
PST44	42	10	15	30	40
PST50	54	15	20	40	50
PST60	60	20	20	40	50
PST72	68	20	25	50	60
PST85	80	25	30	60	75
PST105	104	30	40	75	100
PST142	130	40	50	100	125
PST175	156	50	60	125	150
PST210	192	60	75	150	200
PST250	248	75	100	200	250
PST300	302	100	100	250	300

Type	Maximum FLA, A	Maximum 3 Phase Hp Ratings When Installed Inside – the - Delta			
		208 V	240 V	480 V	600 V
		PST30	28	10	15
PST37	34	15	20	40	50
PST44	42	20	25	50	60
PST50	54	25	30	60	75
PST60	60	30	40	75	100
PST72	68	30	40	75	100
PST85	80	40	50	100	125
PST105	104	60	60	150	150
PST142	130	75	75	150	200
PST175	156	75	100	200	250
PST210	192	100	125	250	300
PST250	248	150	150	350	450
PST300	302	150	200	450	500

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Short Circuit Rating:

Motor Controller Type	Maximum Voltage (V)	Short Circuit RMS Symmetrical (kA)	(1) Fuse rating (A)
PS T30	600	65	80
PS T37	600	65	125
PS T44	600	65	160
PS T50	600	65	160
PS T60	600	65	200
PS T72	600	65	250
PS T85	600	65	315
PS T105	600	65	400
PS T142	600	65	450
PS T175	600	65	500
PS T210	600	65	630
PS T250	600	65	700
PS T300	600	65	900

(1) - Bussmann International Inc/Typower Zilox, Type 170M Fuse (Ultra fast fuses for protection of power semiconductors)

Note: Short circuit tests performed in combination with Typower Zilox semi-conductor fuses are considered to provide short circuit protection for the internal semiconductors components of the motor controllers. The compliance with the requirements of the CEC Part 1 for addition of suitable branch circuit over current protection shall be subject to further evaluation by CSA International in end use.

PART B: (Type PSTB)

Solid state ac motor controller with built in electronic overload protection, which provides a ramp start and stop for squirrel cage motors. These devices have a built in by-pass contactor.

Type	Maximum FLA, A	Maximum 3 Phase Hp Ratings When Installed Across - the - Line			
		208 V	240 V	480 V	600 V
PSTB370	361	125	150	300	350
PSTB470	480	150	200	400	500
PSTB570	590	200	250	500	600
PSTB720	720	250	300	600	700
PSTB840	840	300	350	700	800
PSTB1050	1062	400	450	900	1000

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Type	Maximum FLA, A	Maximum 3 Phase Hp Ratings When Installed Inside - the - Delta			
		208 V	240 V	480 V	600 V
PSTB370	361	200	250	500	600
PSTB470	480	250	300	600	700
PSTB570	590	300	350	700	800
PSTB720	720	400	500	1000	1200
PSTB840	840	500	600	1200	1500
PSTB1050	1062	600	700	1500	1900

Short Circuit Rating:

Motor Controller Type	Maximum Voltage (V)	Short Circuit RMS Symmetrical (kA)	(1) Fuse rating (A)	(2) Fuse rating (A)
PSTB370	600	65	700	
PSTB470	600	65	900	
PSTB570	600	65	900	
PSTB720	600	65	1250	
PSTB840	600	65	1500	
PSTB1050	600	65	1600	
PSTB720	600	42		1200/L
PSTB840	600	42		1200/L
PSTB1050	600	85		1200/L

(1) - Bussmann International Inc/Typower Zilox, Type 170M Fuse (Ultra fast fuses for protection of power semiconductors)

(2) - Type L Fuse

Note: Short circuit tests performed in combination with Typower Zilox semi-conductor fuses are considered to provide short circuit protection for the internal semiconductors components of the motor controllers. The compliance with the requirements of the CEC Part 1 for addition of suitable branch circuit over current protection shall be subject to further evaluation by CSA International in end use.

APPLICABLE REQUIREMENTS

- CSA Std C22.2 No. 0 - M91 - General Requirements
- CSA Std C22.2 No.14-95 - Industrial Control Equipment