



Representative Image

Alternate Catalog No. PSTX85-690-70 Catalog No. 1SFA898208R7000

Description: PSTX85, 690V, 100-250VAC

UPC No 7320500501351

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The softstarter PSTX85-690-70 has a rated maximum operational current of 85 A with an operating voltage span from 208...690 V AC. The rated control voltage is between 100...250 V AC at 50/60 Hz. PSTX features a three-phase control soft start and stop through a voltage or a torque ramp. It has built-in bypass for easy installation and energy saving. A RUN, TOR and Event signal is available from relay outputs in NO (normally open state). The PSTX has functions such as current limit, kickstart, analog output, EOL, motor heating and pump cleaning. PSTX also features features jog, braking, stand-still brake, diagnostics, sequence start and emergency/fire pump mode as standard. To interact with PSTX, it has a detachable full graphic display with IP66 and 4x outdoor rating. There are four ways to communicate with PSTX. It can be done by hardwire inputs Start/Stop/Reset of fault, and by three programmable digital inputs. Another popular option is the built-in Fieldbus communication Modbus RTU and incl optional ANYBUS modules with every major protocol such as for example Profinet, Profibus, Modbus TCP, Ethernet IP and others. Another way to communicate with PSTX is to use an external adaptor and a Fieldbus plug. PSTX is the complete alternative for any motor starting application. It's suitable for medium to large-sized three-phase motors with nominal currents from 30...1250 A inline connection or 52...2160 A inside delta connection. Typical applications are, for example, pumps, fans, compressors, and conveyors.

Descriptors

Category	Softstarter - Open (PSTX)
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Specifications

Product Type	Soft Starters
Input Voltage	208-690 V
Control Voltage	100-250 V
Normal Duty: Output Current (A)	80
Normal Duty: Motor Power (HP) at 208V	25
Normal Duty: Motor Power (HP) at 230V	30
Normal Duty: Motor Power (HP) at 460V	60
Normal Duty: Motor Power (HP) at 575V	75
Heavy Duty: Output Current (A)	68
Heavy Duty: Motor Power (HP) at 208V	20
Heavy Duty: Motor Power (HP) at 230V	25
Heavy Duty: Motor Power (HP) at 460V	50
Heavy Duty: Motor Power (HP) at 575V	60
Power Dissipation In Watts	6.5
Height (Inches)	12.4
Width (Inches)	5.9
Depth (Inches)	7.7

Classifications

RoHS Indicator	Yes
UL/CUL Listing	Yes

by ABB

Dimensions

Weight (lb)	13.45
Height (mm)	314
Width (mm)	150
Depth (mm)	197.5
Weight (kg)	6.1