

# PSTX45-600-70



PSTX45-600-70 Softstarter

## General Information

Global Commercial Alias	PSTX45-600-70
Extended Product Type	PSTX45-600-70
Product ID	1SFA898105R7000
ABB Type Designation	PSTX45-600-70
EAN	7320500501337
Catalog Description	PSTX45-600-70 Softstarter
Long Description	Softstarter PSTX45-600-70 for max 600V main voltage and 100 - 250V 50/60Hz control supply voltage.

## Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85044090

## Popular Downloads

Data Sheet, Technical Information	1SFC132009C0201
Instructions and Manuals	1SFC132081M0201

## Dimensions

Product Net Width	150.000 mm
Product Net Height	314.000 mm
Product Net Depth / Length	194.000 mm
Product Net Weight	6.10 kg

## Technical

Rated Operational Voltage	Main Circuit 208 ... 600 V AC
Rated Control Supply Voltage ( $U_s$ )	100 ... 250 V
Rated Control Circuit Voltage ( $U_c$ )	DC Operation 24 V
Rated Frequency (f)	Main Circuit 50/60 Hz
Rated Operational Power - In-Line Connection ( $P_e$ )	(400 V) 22 kW
Rated Operational Current - In-Line Connection ( $I_e$ )	45 A
Rated Operational Power - Inside Delta Connection	at 400 V 37 kW
Rated Operational Current - Inside Delta Connection	76 A

Service Factor Percentage	100 %
Overload Protection	Build-in electronic overload protection
Integrated Electronic Overload	Yes
Adjustable Rated Motor Current Ie	30 ... 100 %
Starting Capacity at Maximum Rated Current Ie	4xIe for 10s
Ramp Time	1 ... 120 second [unit of time]
Initial Voltage During Start	10 ... 99 %
Step Down Voltage Special Ramp	100 ... 10 %
Current Limit Function	1.5 ... 7.5 xIe
Switch for Inside Delta Connection	Yes
Run Signal Relay	Yes
By-pass Signal Relay	Yes
Fault Signal Relay	Yes
Overload Signal Relay	Yes
Analog Outputs	0...10 V, 0...20 mA, 4...20 mA
Signal indication ready to start/standby ON (LED)	Green
Signal indication running R (LED)	Green
Signal indication protection (LED)	Yellow
Signal indication fault (LED)	Red
Communication	Built in Modbus interface, Anybus, FieldBusPlug (with adapter).
Terminal Type	Cable Clamp
Connecting Capacity Main Circuit	Hole Diameter 8.5 mm
Connecting Capacity Control Circuit	Rigid 1x2.5 mm <sup>2</sup>
Connecting Capacity Supply Circuit	Rigid 1x2.5 mm <sup>2</sup>
Tightening Torque	Main Circuit 8 N·m
Product Main Type	PSTX45

## Environmental

Ambient Air Temperature	Storage -40 ... +70 °C Operation -25 ... +60 °C
RoHS Status	Following EU Directive 2002/95/EC August 18, 2005 and amendment

## Certificates and Declarations (Document Number)

Declaration of Conformity - CE	2CMT005209
Environmental Information	2CMT005232
Instructions and Manuals	1SFC132081M0201
RoHS Information	2CMT005210

## Container Information

Package Level 1 Width	230 mm
Package Level 1 Depth / Length	395 mm
Package Level 1 Height	280 mm
Package Level 1 Gross Weight	6.70 kg
Package Level 1 EAN	7320500501337
Package Level 1 Units	1 piece

## Classifications

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Object Classification Code	Q
ETIM 4	EC002572 - Electronic motor control and protection device
ETIM 5	EC002572 - Electronic motor control and protection device
ETIM 6	EC002572 - Motor management device

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## Categories

Drives → Softstarters → Softstarters → PSTX Softstarters → PSTX45

