

PSTX250-600-70



Products → Low Voltage Products and Systems → Control Products → Softstarters → Softstarters

General Information

Global Commercial Alias:	PSTX250-600-70
Extended Product Type:	PSTX250-600-70
Product ID:	1SFA898113R7000
ABB Type Designation:	PSTX250-600-70
EAN:	7320500501542
Catalog Description:	PSTX250-600-70 Softstarter
Long Description:	Softstarter PSTX250-600-70 for max 600V main voltage and 100 - 250V 50/60Hz control supply voltage.

Interactive Guides

Category Related Guides:

[ABB improves mining industry efficiency - Softstarter PSTX](#)

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:	258.000 mm
Product Net Height:	470.000 mm
Product Net Depth:	276.000 mm
Product Net Weight:	12.70 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) 132 kW
Rated Operational Current - In-Line Connection (I_e):	250 A

Rated Operational Power - Inside Delta Connection:	at 400 V 220 kW
Rated Operational Current - Inside Delta Connection:	430 A
Service Factor Percentage:	100 %
Overload Protection:	Build-in electronic overload protection
Integrated Electronic Overload:	Yes
Adjustable Rated Motor Current I_e:	30 ... 100 %
Starting Capacity at Maximum Rated Current I_e:	4xI _e 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 xI _e
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:	Main Circuit: Bars
Connecting Capacity Main Circuit:	Hole Diameter 10.2 mm
Connecting Capacity Control Circuit:	Rigid 1x2.5 mm ²
Connecting Capacity Supply Circuit:	Rigid 1x2.5 mm ²
Tightening Torque:	Main Circuit 25 N·m
Product Main Type:	PSTX250

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:	360 mm
Package Level 1 Length:	570 mm
Package Level 1 Height:	370 mm
Package Level 1 Gross Weight:	14.30 kg
Package Level 1 EAN:	7320500501542
Package Level 1 Units:	1 piece

Classifications

Object Classification Code:	Q
E-number:	3302086
ETIM 4:	EC002572 - Electronic motor control and protection device
ETIM 5:	EC002572 - Electronic motor control and protection device

