

PSTX142-600-70



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

General Information

Global Commercial Alias:	PSTX142-600-70
Extended Product Type:	PSTX142-600-70
Product ID:	1SFA898110R7000
ABB Type Designation:	PSTX142-600-70
EAN:	7320500501467
Catalog Description:	PSTX142-600-70 Softstarter
Long Description:	Softstarter PSTX142-600-70 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:	199.000 mm
Product Net Height:	377.000 mm
Product Net Depth / Length:	235.000 mm
Product Net Weight:	9.60 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) 75 kW
Rated Operational Current - In-Line Connection (I_e):	142 A

Rated Operational Power - Inside Delta Connection:	at 400 V 132 kW
Rated Operational Current - Inside Delta Connection:	245 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 8.5 mm
Connecting Capacity Control Circuit:	Rigid 1x2.5 mm ²
Connecting Capacity Supply Circuit:	Rigid 1x2.5 mm ²
Tightening Torque:	Main Circuit 14 N·m
Product Main Type:	PSTX142

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: 280 mm

Package Level 1 Depth / Length: 455 mm

Package Level 1 Height: 315 mm

Package Level 1 Gross Weight: 10.40 kg

Package Level 1 EAN: 7320500501467

Package Level 1 Units: 1 piece

Classifications

Object Classification Code: Q

E-number: 3302041

ETIM 4: EC002572 - Electronic motor control and protection device

ETIM 5: EC002572 - Electronic motor control and protection device

