

PSTX142-600-70



Products Low Voltage Products and Systems Control Products Softstarters Softstarters

General Information

Extended Product Type:	PSTX142-600-70
Product ID:	1SFA898110R7000
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](#)

Additional Information

Adjustable Rated Motor Current Ie:	30...100 %
Ambient Air Temperature:	Storage -40 ... +70 °C Operation -25 ... +60 °C
Analog Outputs:	0...10 V, 0...20 mA, 4...20 mA
By-pass Signal Relay:	Yes
Communication:	Built in Modbus interface, Anybus, FieldBusPlug (with adapter).
Connecting Capacity Control Circuit:	Rigid 1x2.5 mm ²
Connecting Capacity Main Circuit:	Hole Diameter 8.5 mm
Connecting Capacity Supply Circuit:	Rigid 1x2.5 mm ²
Conventional Free-air Thermal Current (I_{th}):	Signal Relays 143 A
Country of Origin:	Sweden (SE)
Current Limit Function:	1.5 ... 7.5 xIe
Current Range:	42.9 ... 143 A
Customs Tariff Number:	8503009999
Data Sheet, Technical Information:	1SFC132009C0201
Declaration of Conformity - CE:	2CMT005209
E-nummer:	3302041
EAN:	7320500501467
EPLAN Catalog Tree:	Electrical engineering / Converters / General
ETIM 4:	EC002572 - Electronic motor control and protection device
ETIM 5:	EC002572 - Electronic motor control and protection device
Environmental Information:	2CMT005232
Fault Signal Relay:	Yes
Initial Voltage During Start:	10 ... 99 %
Instructions and Manuals:	1SFC132081M0201
Integrated Electronic Overload:	Yes
Invoice Description:	SOFTSTARTER#PSTX142-600-70
Minimum Order Quantity:	1 piece
Object Classification Code:	Q
Overload Protection:	Build-in electronic overload protection
Overload Signal Relay:	Yes
Package Level 1 EAN:	7320500501467
Package Level 1 Gross Weight:	10.40 kg
Package Level 1 Height:	315 mm

Package Level 1 Length:	455 mm
Package Level 1 Units:	1 piece
Package Level 1 Width:	280 mm
Power Consumption:	10 V·A
Power Loss:	18 kg
Product Main Type:	PSTX142
Product Name:	Softstarter
Product Net Depth:	235.000 mm
Product Net Height:	377.000 mm
Product Net Weight:	9.60 kg
Product Net Width:	199.000 mm
Ramp Time:	1 ... 120 second [unit of time]
Rated Control Circuit Voltage (U _c):	DC Operation 24 V
Rated Control Supply Voltage (U _s):	100 ... 250 V
Rated Frequency (f):	Main Circuit 50/60 Hz
Rated Operational Current - In-Line Connection (I _e):	142 A
Rated Operational Current - Inside Delta Connection:	245 A
Rated Operational Current AC-15 (I _a):	(250 V) 1.5 A
Rated Operational Power - In-Line Connection (P _e):	(400 V) 75 kW
Rated Operational Power - Inside Delta Connection:	at 400 V 132 kW
Rated Operational Voltage:	Main Circuit 208 ... 600 V AC
RoHS Date:	1414 2
RoHS Information:	2CMT005210
RoHS Status:	Following EU Directive 2002/95/EC August 18, 2005 and amendment
Run Signal Relay:	Yes
Selling Unit of Measure:	piece
Service Factor Percentage:	100 %
Short Description:	SOFTSTARTER#PSTX142-600-70
Signal indication fault (LED):	Red
Signal indication protection (LED):	Yellow
Signal indication ready to start/standby ON (LED):	Green
Signal indication running R (LED):	Green
Starting Capacity at Maximum Rated Current I _e :	4xle for 10s
Step Down Voltage Special Ramp:	100 ... 10 %
Switch for Inside Delta Connection:	Yes
Switch for Kick Start (Kick):	Yes
Terminal Type:	Main Circuit: Bars
Tightening Torque:	Main Circuit 14 N·m
Trip Class:	10A 10 20 30
Type of Start:	normal

