PSTX142-600-70

PSTX142-600-70 Softstarter

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.

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 (Pe)	(400 V) 75 kW
Rated Operational Current - In-Line Connection (Ie)	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 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	Main Circuit: Bars
Connecting Capacity Main Circuit	Hole Diameter 8.5 mm
Connecting Capacity Control Circuit	Rigid 1x2.5 mm²
Connecting Capacity Supply Circuit	Rigid 1x2.5 mm²
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-nummer	3302041
ETIM 4	EC002572 - Electronic motor control and protection device
ETIM 5	EC002572 - Electronic motor control and protection device

—

Categories

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