

PRODUCT-DETAILS

PSTX470-600-70

PSTX470-600-70 Softstarter



General Information

Global Commercial Alias	PSTX470-600-70
Extended Product Type	PSTX470-600-70
Product ID	1SFA898116R7000
ABB Type Designation	PSTX470-600-70
EAN	7320500508954
Catalog Description	PSTX470-600-70 Softstarter
Long Description	Softstarter PSTX470-600-70 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	361 mm
Product Net Height	493 mm
Product Net Depth / Length	282 mm
Product Net Weight	25 kg

Technical

Rated Operational Voltage	208 ... 600 V AC
Rated Control Supply Voltage (U _s)	100 ... 250 V AC
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)	(230 V) 132 kW (400 V) 250 kW (500 V) 315 kW
Rated Operational Current - In-Line Connection (I _e)	470 A
Rated Operational Power - Inside Delta Connection	at 230 V 250 kW at 400 V 450 kW at 500 V 600 kW
Rated Operational Current - Inside Delta Connection	814 A
Service Factor Percentage	100 %
Overload Protection	Built-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 %
Switch for Inside Delta Connection	Yes
Run Signal Relay	Yes
By-pass Signal Relay	Yes
Fault Signal Relay	Yes
Overload Signal Relay	Yes
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).
Degree of Protection	IP00
Connecting Capacity Main Circuit	Hole Diameter 8.5 MMT mm ²
Connecting Capacity Control Circuit	Rigid 1 x 2.5 mm ²

Connecting Capacity	Rigid 1 x 2.5 mm ²
Supply Circuit	
Product Main Type	PSTX470

Environmental

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

Certificates and Declarations (Document Number)

CQC Certificate	CN: CQC2015010304806588 / SE: CQC2015010304797766
Declaration of Conformity - CCC	CN: 2020980304001094 / SE: 2020980304001859
Declaration of Conformity - CE	2CMT005209
Environmental Information	2CMT005232
Instructions and Manuals	1SFC132081M0201
RoHS Information	2CMT005210

Container Information

Package Level 1 Width	470 mm
Package Level 1 Depth / Length	381 mm
Package Level 1 Height	650 mm
Package Level 1 Gross Weight	29 kg
Package Level 1 EAN	7320500508954
Package Level 1 Units	box 1 piece

Classifications

Object Classification Code	Q
ETIM 6	EC002572 - Motor management device
UNSPSC	39121521

Categories

Drives → Softstarters → Softstarters → PSTX Softstarters → PSTX470

Low Voltage Products and Systems → Control Products → Softstarters → Softstarters → PSTX Softstarters → PSTX470

