

PRODUCT-DETAILS

PSTX470-690-70

PSTX470-690-70 Softstarter



General Information

Global Commercial Alias	PSTX470-690-70
Extended Product Type	PSTX470-690-70
Product ID	1SFA898216R7000
ABB Type Designation	PSTX470-690-70
EAN	7320500508985
Catalog Description	PSTX470-690-70 Softstarter
Long Description	Softstarter PSTX470-600-70 for max 690V 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 ... 690 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 (690 V) 450 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 at 690 V 800 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 Control Circuit	Rigid 1 x 2.5 mm ²

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

Environmental

Ambient Air Temperature	Operation -25 ... +60 °C 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	7320500508985
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

