

---

PRODUCT-DETAILS

# PSTX720-600-70

## PSTX720-600-70 Softstarter




---

### General Information

Global Commercial Alias	PSTX720-600-70
Extended Product Type	PSTX720-600-70
Product ID	1SFA898118R7000
ABB Type Designation	PSTX720-600-70
EAN	7320500510384
Catalog Description	PSTX720-600-70 Softstarter
Long Description	Softstarter PSTX720-600-70 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	435 mm
Product Net Height	493 mm
Product Net Depth / Length	368 mm
Product Net Weight	46.2 kg

## Technical

Rated Operational Voltage	208 ... 600 V AC
Rated Control Supply Voltage (U <sub>s</sub> )	100 ... 250 V AC
Rated Control Circuit Voltage (U <sub>c</sub> )	DC Operation 24 V
Rated Frequency (f)	Main Circuit 50/60 Hz
Rated Operational Power - In-Line Connection (P <sub>e</sub> )	(230 V) 200 kW (400 V) 400 kW (500 V) 500 kW
Rated Operational Current - In-Line Connection (I <sub>e</sub> )	720 A
Rated Operational Power - Inside Delta Connection	at 230 V 355 kW at 400 V 710 kW at 500 V 880 kW
Rated Operational Current - Inside Delta Connection	1247 A
Service Factor Percentage	100 %
Overload Protection	Build-in electronic overload protection
Integrated Electronic Overload	Yes
Adjustable Rated Motor Current I <sub>e</sub>	30 ... 100 %
Starting Capacity at Maximum Rated Current I <sub>e</sub>	4xI <sub>e</sub> for 10s
Initial Voltage During Start	10 ... 99 %
Step Down Voltage Special Ramp	100 ... 10 %
Current Limit Function	1.5 ... 7.5 xI <sub>e</sub>
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).
Degree of Protection	acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP00
Terminal Type	Main Circuit: Bars
Product Main Type	PSTX720

---

## 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)

---

CQC Certificate

CN: CQC2015010304830300 / SE: CQC2015010304830295

Declaration of Conformity  
- CCC (CCC)

CN: 2020980304001095 / SE: 2020980304001491

Declaration of Conformity  
- CE

2CMT005209

Environmental Information

2CMT005232

Instructions and Manuals

1SFC132081M0201

RoHS Information

2CMT005210

---

## Container Information

---

Package Level 1 Units

1 piece

---

## Classifications

---

Object Classification Code

Q

ETIM 4

EC002572 - Electronic motor control and protection device

ETIM 5

EC002572 - Electronic motor control and protection device

ETIM 6

EC002572 - Motor management device

UNSPSC

39121521

---

## Categories

---

Drives → Softstarters → Softstarters → PSTX Softstarters → PSTX720

Low Voltage Products and Systems → Control Products → Softstarters → Softstarters → PSTX Softstarters → PSTX720

