

PRODUCT-DETAILS

# PSTX840-600-70

## PSTX840-600-70 Softstarter



### General Information

Global Commercial Alias	PSTX840-600-70
Extended Product Type	PSTX840-600-70
Product ID	1SFA898119R7000
ABB Type Designation	PSTX840-600-70
EAN	7320500510421
Catalog Description	PSTX840-600-70 Softstarter
Long Description	Softstarter PSTX840-600-70 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 ( $U_s$ )	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 ( $P_e$ )	(230 V) 250 kW (400 V) 450 kW (500 V) 600 kW
Rated Operational Current - In-Line Connection ( $I_e$ )	840 A
Rated Operational Power - Inside Delta Connection	at 230 V 450 kW at 400 V 800 kW at 500 V 1000 kW
Rated Operational Current - Inside Delta Connection	1455 A
Service Factor Percentage	100 %
Overload Protection	Build-in electronic overload protection
Integrated Electronic Overload	Yes
Adjustable Rated Motor Current $I_e$	30 ... 100 %
Starting Capacity at Maximum Rated Current $I_e$	4xle for 10s
Initial Voltage During Start	10 ... 99 V
Step Down Voltage Special Ramp	100 ... 10 %
Current Limit Function	1.5 ... 7.5 xle
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	Red

(LED)

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	PSTX840

## 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 Units	1 piece
-----------------------	---------

## Classifications

Object Classification Code	Q
ETIM 4	EC002572 - Electronic motor control and protection device
ETIM 6	EC002572 - Motor management device

## Categories

Drives → Softstarters → Softstarters → PSTX Softstarters → PSTX840

