



PRODUCT-DETAILS

PSTB840-600-70

PSTB840-600-70 Softstarter - 840 A - Main Circuit 208 ... 600 V AC



General Information

Extended Product Type:	PSTB840-600-70
Product ID:	1SFA894019R7000
EAN:	7320500255674
Catalog Description:	PSTB840-600-70 Softstarter - 840 A - Main Circuit 208 ... 600 V AC
Long Description:	Softstarter PSTB840-600-70 for max 600V main voltage and 110 - 240V 50/60Hz control supply voltage
Display Name:	PSTB840-600-70

Ordering

Minimum Order Quantity:	1 piece
Customs Tariff Number:	8503009999

Popular Downloads

Data Sheet, Technical Information: 1SFC132005C0201

Instructions and Manuals: 1SFC132003M0201

Dimensions

Product Net Width: 436 mm

Product Net Height: 515 mm

Product Net Depth / Length: 381 mm

Product Net Weight: 60 kg

Technical

Rated Operational Voltage: Main Circuit 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): 50/60 Hz
Main Circuit 50 / 60 Hz

Rated Operational Power - In-Line Connection (P_e): (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 400 V 800 kW
at 500 V 1000 kW

Rated Operational Current - Inside Delta Connection: 1455 A

Service Factor Percentage: 115 %

Overload Protection: Build-in electronic overload protection

Integrated Electronic Overload: Yes

Starting Capacity at Maximum Rated Current I_e : 3x I_e for 15s

Ramp Time: 0 ... 120 s
1 ... 120 s

Initial Voltage During Start: 30 ... 70 %

Step Down Voltage Special Ramp: 100 ... 30 %

Current Limit Function: 1.5 ... 7x I_e

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 volts
0...20 mA
4...20 mA

Signal Indication Ready to Start/Standby ON (LED): Green

Signal Indication Protection (LED): Yellow

Signal Indication Fault (LED):	Red
Number of Starts Per Hour at 3.5*Ie for 7 sec. 50% ON Time 50% OFF Time:	10
Communication:	FiledBusPlug(Standard)
Degree of Protection:	acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP00
Terminal Type:	Main Circuit: Bars
Connecting Capacity Main Circuit:	Hole Diameter 12.5 mm Width and Thickness 40x6 mm
Connecting Capacity Control Circuit:	Rigid 1 x 2.5 mm ² Rigid 2 x 1.5 mm ²
Connecting Capacity Supply Circuit:	Rigid 1 x 2.5
Tightening Torque:	Control Circuit 0.5 N-m Main Circuit 45 N-m Supply Circuit 0.5 N-m
Product Main Type:	PSTB840

Environmental

Ambient Air Temperature:	Operation 0 ... +50 °C Storage -25 ... +70 °C
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Material Compliance

Conflict Minerals Reporting Template (CMRT):	9AKK108467A5658
RoHS Declaration:	1SFC132035D0201
RoHS Information:	No declaration needed
WEEE B2C / B2B:	Business To Business
WEEE Category:	4. Large Equipment (Any External Dimension More Than 50 cm)

Certificates and Declarations

Declaration of Conformity - CE:	1SFA1-76
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Container Information

Package Level 1 Width:	500 mm
Package Level 1 Depth / Length:	600 mm
Package Level 1 Height:	460 mm
Package Level 1 Gross Weight:	72 kg
Package Level 1 EAN:	7320500255674
Package Level 1 Units:	1 piece

External Classifications and Standards

Object Classification Code:	Q
ETIM 7:	EC000640 - Soft starter
ETIM 8:	EC000640 - Soft starter
ETIM 9:	EC000640 - Soft starter
eClass:	V11.0 : 27370907
UNSPSC:	39121521

Categories

Products > Drives > Softstarters > Softstarters > PST(B) Softstarters > PST105

Products > Low Voltage Products and Systems > Control Products > Softstarters > Softstarters > PST(B) Softstarters > PST105

