



PRODUCT-DETAILS

PST85-600-70

PST85-600-70 Softstarter - 85 A - Main Circuit
208 ... 600 V AC



General Information	
Extended Product Type	PST85-600-70
Product ID	1SFA894008R7000
EAN	7320500255568
Catalog Description	PST85-600-70 Softstarter - 85 A - Main Circuit 208 ... 600 V AC
Long Description	Softstarter PST85-600-70 for max 600V main voltage and 110 - 240V 50/60Hz control supply voltage

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	186 mm
Product Net Height	390 mm
Product Net Depth / Length	270 mm
Product Net Weight	10 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) 45 kW (500 V) 55 kW
Rated Operational Current - In-Line Connection (I _e)	85 A
Rated Operational Power - Inside Delta Connection	at 400 V 75 kW at 500 V 90 kW
Rated Operational Current - Inside Delta Connection	147 A
Service Factor Percentage	115 %
Overload Protection	Build-in electronic overload protection
Integrated Electronic Overload	Yes
Starting Capacity at Maximum Rated Current I _e	3xI _e for 15s
Ramp Time	0 ... 120 second [unit of time] 1 ... 120 second [unit of time]
Initial Voltage During Start	30 ... 70 %
Step Down Voltage Special Ramp	100 ... 30 %
Current Limit Function	1.5 ... 7xI _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	30
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 8.5 mm Width and Thickness 17.5x5 mm
Connecting Capacity Control Circuit	Rigid 1 x 2.5 mm² Rigid 2 x 1.5 mm²
Connecting Capacity Supply Circuit	Rigid 1 x 2.5
Tightening Torque	Control Circuit 0.5 N·m Main Circuit 18 N·m Supply Circuit 0.5 N·m
Product Main Type	PST85

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	5. Small Equipment (No External Dimension More Than 50 cm)

Certificates and Declarations

Declaration of Conformity - CE	1SFA1-74
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Container Information

Package Level 1 Width	235 mm
Package Level 1 Depth / Length	450 mm
Package Level 1 Height	315 mm
Package Level 1 Gross Weight	12.5 kg
Package Level 1 EAN	7320500255568
Package Level 1 Units	1 piece

External Classifications and Standards

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

Categories

Drives → Softstarters → Softstarters → PST(B) Softstarters → PST105

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

