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PRODUCT-DETAILS

# PSTB370-600-70

## PSTB370-600-70 SOFTSTARTER




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### General Information

Extended Product Type	PSTB370-600-70
Product ID	1SFA894015R7000
EAN	7320500255636
Catalog Description	PSTB370-600-70 SOFTSTARTER
Long Description	Softstarter PSTB370-600-70 for max 600V main voltage and 110 - 240V 50/60Hz control supply voltage

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### Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	8503009999

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### Popular Downloads

Data Sheet, Technical Information	1SFC132005C0201
Instructions and Manuals	1SFC132003M0201

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### Dimensions

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Product Net Width	366.000 mm
Product Net Height	460.000 mm
Product Net Depth / Length	361.000 mm
Product Net Weight	31 kg

## Technical

Rated Operational Voltage	Main Circuit 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 Control Supply 50/60 Hz
Rated Operational Power - In-Line Connection (P <sub>e</sub> )	(400 V) 200 kW (500 V) 257 kW
Rated Operational Current - In-Line Connection (I <sub>e</sub> )	370 A
Rated Operational Power - Inside Delta Connection	at 400 V 355 kW at 500 V 450 kW
Rated Operational Current - Inside Delta Connection	640 A
Service Factor Percentage	115 %
Overload Protection	Build-in electronic overload protection
Integrated Electronic Overload	Yes
Adjustable Rated Motor Current I <sub>e</sub>	30 ... 115 %
Starting Capacity at Maximum Rated Current I <sub>e</sub>	3xI <sub>e</sub> for 15s
Ramp Time	During Start 1 ... 30 second [unit of time] During Start 1 ... 120 second [unit of time] During Stop 0 ... 30 second [unit of time] During Stop 0 ... 120 second [unit of time]
Initial Voltage During Start	30 ... 70 %
Step Down Voltage Special Ramp	100 ... 30 %
Current Limit Function	1.5 ... 7xI <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 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 10.5 mm Width and Thickness 25x6 mm
Connecting Capacity Control Circuit	Rigid 1x2.5 mm <sup>2</sup> Rigid 2x1.5 mm <sup>2</sup>
Connecting Capacity Supply Circuit	Rigid 1x2.5 mm <sup>2</sup> Rigid 2x1.5 mm <sup>2</sup>
Tightening Torque	Main Circuit 35 N·m Supply Circuit 0.5 N·m Control Circuit 0.5 N·m
Product Main Type	PSTB370

## Environmental

Ambient Air Temperature	Storage -25 ... +70 °C Operation 0 ... +50 °C
Battery Information	Button Cell Yes Contains Cd <0.01 % Contains Hg <0.01 % Contains Pb <0.01 % Weight 0.0031 kg
RoHS Status	No declaration needed

## Certificates and Declarations (Document Number)

Declaration of Conformity - CE	1SFA1-76
Environmental Information	1SFC132015D0201
Instructions and Manuals	1SFC132003M0201
RoHS Information	1SFC132035D0201

## Container Information

Package Level 1 Width	440 mm
Package Level 1 Depth / Length	550 mm
Package Level 1 Height	440 mm
Package Level 1 Gross Weight	40 kg
Package Level 1 EAN	7320500255636
Package Level 1 Units	1 piece
Package Level 2 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
UNSPSC	39121521

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## Categories

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Drives → Softstarters → Softstarters → PST(B) Softstarters → PSTB370

