

# PST30-600-70



Products Low Voltage Products and Systems Control Products Softstarters Softstarters

## General Information

<b>Extended Product Type:</b>	PST30-600-70
<b>Product ID:</b>	1SFA894002R7000
<b>EAN:</b>	7320500255506
<b>Catalog Description:</b>	PST30-600-70 SOFTSTARTER
<b>Long Description:</b>	Softstarter PST30-600-70 for max 600V main voltage and 110 - 240V 50/60Hz control supply voltage

## Interactive Guides

### Category Related Guides:

[ABB improves mining industry efficiency - Softstarter PSTX](#)

## Additional Information

<b>Adjustable Rated Motor Current Ie:</b>	30 ... 115 %
<b>Ambient Air Temperature:</b>	Operation 0 ... +50 °C Storage -25 ... +70 °C
<b>Analog Outputs:</b>	0...10 volts 0...20 mA 4...20 mA
<b>Battery Information:</b>	Button Cell Yes Contains Cd <0.01 % Contains Hg <0.01 % Contains Pb <0.01 % Type Portable Weight 0.0031 kg
<b>By-pass Signal Relay:</b>	Yes
<b>Communication:</b>	FieldBusPlug(Standard)
<b>Connecting Capacity Control Circuit:</b>	Rigid 1x2.5 mm <sup>2</sup> Rigid 2x1.5 mm <sup>2</sup>
<b>Connecting Capacity Main Circuit:</b>	Rigid 1x10 ... 95 mm <sup>2</sup> Rigid 2x6 ... 35 mm <sup>2</sup>
<b>Connecting Capacity Supply Circuit:</b>	Rigid 1x2.5 mm <sup>2</sup> Rigid 2x1.5 mm <sup>2</sup>
<b>Conventional Free-air Thermal Current (I<sub>th</sub>):</b>	Signal Relays 5 A
<b>Country of Origin:</b>	Sweden (SE)
<b>Current Limit Function:</b>	1.5 ... 7xIe
<b>Current Range:</b>	9 ... 35 A
<b>Customs Tariff Number:</b>	8503009999
<b>Data Sheet, Technical Information:</b>	1SFC132005C0201
<b>Declaration of Conformity - CE:</b>	1SFA1-74
<b>Degree of Protection:</b>	acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP10
<b>E-nummer:</b>	3302151
<b>EAN:</b>	7320500255506
<b>ETIM 4:</b>	EC002572 - Electronic motor control and protection device
<b>ETIM 5:</b>	EC002572 - Electronic motor control and protection device
<b>Environmental Information:</b>	1SFC132014D0201
<b>Fault Signal Relay:</b>	Yes
<b>Industrial IT Certification Level:</b>	0
<b>Initial Voltage During Start:</b>	30 ... 70 %

Instructions and Manuals:	1SFC132003M0201
Integrated Electronic Overload:	Yes
Invoice Description:	SOFTSTARTER#PST30-600-70
Minimum Order Quantity:	1 piece
Number of Starts Per Hour at 3.5*Ie for 7 sec. 50%ON Time 50%OFF Time:	30
Object Classification Code:	Q
Overload Protection:	Build-in electronic overload protection
Overload Signal Relay:	Yes
Package Level 1 EAN:	7320500255506
Package Level 1 Gross Weight:	6 kg
Package Level 1 Height:	280 mm
Package Level 1 Length:	360 mm
Package Level 1 Units:	1 piece
Package Level 1 Width:	190 mm
Package Level 2 Units:	1 piece
Power Consumption:	5 V·A
Power Loss:	100 W
Product Main Type:	PST30
Product Name:	SOFTSTARTER
Product Net Depth:	196.000 mm
Product Net Height:	260.000 mm
Product Net Weight:	4.8 kg
Product Net Width:	160.000 mm
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]
Rated Control Circuit Voltage (U <sub>c</sub> ):	DC Operation 24 V
Rated Control Supply Voltage (U <sub>s</sub> ):	100 ... 250 V AC
Rated Frequency (f):	Main Circuit 50/60 Hz Control Supply 50/60 Hz
Rated Operational Current - In-Line Connection (I <sub>e</sub> ):	30 A
Rated Operational Current - Inside Delta Connection:	52 A
Rated Operational Current AC-15 (I <sub>e</sub> ):	(250 V) 1.5 A
Rated Operational Power - In-Line Connection (P <sub>e</sub> ):	(400 V) 15 kW (500 V) 18.5 kW
Rated Operational Power - Inside Delta Connection:	at 400 V 25 kW at 500 V 30 kW
Rated Operational Voltage:	Main Circuit 208 ... 600 V AC
RoHS Date:	N/A
RoHS Information:	1SFC132035D0201
RoHS Status:	No declaration needed
Run Signal Relay:	Yes
Selling Unit of Measure:	piece
Service Factor Percentage:	115 %
Short Description:	SOFTSTARTER#PST30-600-70
Signal indication fault (LED):	Red
Signal indication protection (LED):	Yellow

Signal indication ready to start/standby ON (LED): Green

Starting Capacity at Maximum Rated Current Ie: 3xIe for 15s

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

Switch for Inside Delta Connection: Yes

Switch for Kick Start (Kick): Yes

Terminal Type: Screw Terminals

Tightening Torque: Main Circuit 6 N·m  
Supply Circuit 0.5 N·m  
Control Circuit 0.5 N·m

Trip Class: 10  
10A  
20  
30

Type of Start: Normal

UNSPSC: 39121521

