

# PSTX105-600-70



Products Low Voltage Products and Systems Control Products Softstarters Softstarters

## General Information

<b>Extended Product Type:</b>	PSTX105-600-70
<b>Product ID:</b>	1SFA898109R7000
<b>EAN:</b>	7320500501313
<b>Catalog Description:</b>	PSTX105-600-70 Softstarter
<b>Long Description:</b>	Softstarter PSTX105-600-70 for max 600V main voltage and 100 - 250V 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...100 %
<b>Ambient Air Temperature:</b>	Storage -40 ... +70 °C Operation -25 ... +60 °C
<b>Analog Outputs:</b>	0...10 V, 0...20 mA, 4...20 mA
<b>By-pass Signal Relay:</b>	Yes
<b>Communication:</b>	Built in Modbus interface, Anybus, FieldBusPlug (with adapter).
<b>Connecting Capacity Control Circuit:</b>	Rigid 1x2.5 mm <sup>2</sup>
<b>Connecting Capacity Main Circuit:</b>	Hole Diameter 8.5 mm
<b>Connecting Capacity Supply Circuit:</b>	Rigid 1x2.5 mm <sup>2</sup>
<b>Conventional Free-air Thermal Current (I<sub>th</sub>):</b>	Signal Relays 106 A
<b>Country of Origin:</b>	Sweden (SE)
<b>Current Limit Function:</b>	1.5 ... 7.5 xIe
<b>Current Range:</b>	31.8 ... 106 A
<b>Customs Tariff Number:</b>	8503009999
<b>Data Sheet, Technical Information:</b>	1SFC132009C0201
<b>Declaration of Conformity - CE:</b>	2CMT005209
<b>E-nummer:</b>	3302040
<b>EAN:</b>	7320500501313
<b>EPLAN Catalog Tree:</b>	Electrical engineering / Converters / General
<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>	2CMT005232
<b>Fault Signal Relay:</b>	Yes
<b>Initial Voltage During Start:</b>	10 ... 99 %
<b>Instructions and Manuals:</b>	1SFC132081M0201
<b>Integrated Electronic Overload:</b>	Yes
<b>Invoice Description:</b>	SOFTSTARTER#PSTX105-600-70
<b>Minimum Order Quantity:</b>	1 piece
<b>Object Classification Code:</b>	Q
<b>Overload Protection:</b>	Build-in electronic overload protection
<b>Overload Signal Relay:</b>	Yes
<b>Package Level 1 EAN:</b>	7320500501313
<b>Package Level 1 Gross Weight:</b>	6.70 kg
<b>Package Level 1 Height:</b>	280 mm

Package Level 1 Length:	395 mm
Package Level 1 Units:	1 piece
Package Level 1 Width:	230 mm
Power Consumption:	10 V·A
Power Loss:	10 kg
Product Main Type:	PSTX105
Product Name:	Softstarter
Product Net Depth:	194.000 mm
Product Net Height:	314.000 mm
Product Net Weight:	6.10 kg
Product Net Width:	150.000 mm
Ramp Time:	1 ... 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
Rated Frequency (f):	Main Circuit 50/60 Hz
Rated Operational Current - In-Line Connection (I <sub>e</sub> ):	105 A
Rated Operational Current - Inside Delta Connection:	181 A
Rated Operational Current AC-15 (I <sub>a</sub> ):	(250 V) 1.5 A
Rated Operational Power - In-Line Connection (P <sub>e</sub> ):	(400 V) 55 kW
Rated Operational Power - Inside Delta Connection:	at 400 V 90 kW
Rated Operational Voltage:	Main Circuit 208 ... 600 V AC
RoHS Date:	1414 2
RoHS Information:	2CMT005210
RoHS Status:	Following EU Directive 2002/95/EC August 18, 2005 and amendment
Run Signal Relay:	Yes
Selling Unit of Measure:	piece
Service Factor Percentage:	100 %
Short Description:	SOFTSTARTER#PSTX105-600-70
Signal indication fault (LED):	Red
Signal indication protection (LED):	Yellow
Signal indication ready to start/standby ON (LED):	Green
Signal indication running R (LED):	Green
Starting Capacity at Maximum Rated Current I <sub>e</sub> :	4xle for 10s
Step Down Voltage Special Ramp:	100 ... 10 %
Switch for Inside Delta Connection:	Yes
Switch for Kick Start (Kick):	Yes
Terminal Type:	Cable Clamp
Tightening Torque:	Main Circuit 8 N·m
Trip Class:	10A 10 20 30
Type of Start:	normal

