

# PSR12-600-70



Products Low Voltage Products and Systems Control Products Softstarters Softstarters

## General Information

<b>Extended Product Type:</b>	PSR12-600-70
<b>Product ID:</b>	1SFA896106R7000
<b>EAN:</b>	7320500338247
<b>Catalog Description:</b>	PSR12-600-70 SOFTSTARTER
<b>Long Description:</b>	Softstarter PSR12-600-70 for max 600V main voltage and 100-240V 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>	No %
<b>Ambient Air Temperature:</b>	Operation -25 ... +60 °C Storage -40 ... +70 °C
<b>By-pass Signal Relay:</b>	No
<b>Communication:</b>	FiledBusPlug(Optional)
<b>Connecting Capacity Control Circuit:</b>	Rigid 1/2x0.75 ... 2.5 mm <sup>2</sup>
<b>Connecting Capacity Main Circuit:</b>	Rigid 1/2x0.75 ... 2.5 mm <sup>2</sup>
<b>Connecting Capacity Supply Circuit:</b>	Rigid 1/2x0.75 ... 2.5 mm <sup>2</sup>
<b>Conventional Free-air Thermal Current (I<sub>th</sub>):</b>	Signal Relays 3 A
<b>Country of Origin:</b>	China (CN)
<b>Current Limit Function:</b>	No
<b>Current Range:</b>	4 ... 12 A
<b>Customs Tariff Number:</b>	85371099
<b>Data Sheet, Technical Information:</b>	1SFC132005C0201
<b>Declaration of Conformity - CE:</b>	1SFA1-86
<b>Degree of Protection:</b>	acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP20
<b>E-nummer:</b>	3302045
<b>EAN:</b>	7320500338247
<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>	1SFC132038D0201
<b>Fault Signal Relay:</b>	No
<b>Industrial IT Certification Level:</b>	0
<b>Initial Voltage During Start:</b>	40 ... 70 %
<b>Instructions and Manuals:</b>	1SFC132030M0001
<b>Integrated Electronic Overload:</b>	No
<b>Invoice Description:</b>	SOFTSTARTER#PSR12-600-70
<b>Minimum Order Quantity:</b>	1 piece
<b>Number of Starts Per Hour at 3.5*I<sub>e</sub> for 7 sec. 50%ON Time 50%OFF Time:</b>	10
<b>Object Classification Code:</b>	Q
<b>Overload Protection:</b>	Recommended MS132 10.00 ... 16.00
<b>Overload Signal Relay:</b>	No

Package Level 1 EAN:	7320500338247
Package Level 1 Gross Weight:	0.55 kg
Package Level 1 Height:	124 mm
Package Level 1 Length:	156 mm
Package Level 1 Units:	1 piece
Package Level 1 Width:	51 mm
Package Level 2 Units:	1 piece
Power Consumption:	12 V·A
Power Loss:	11.5 W
Product Main Type:	PSR12
Product Name:	SOFTSTARTER
Product Net Depth:	114.000 mm
Product Net Height:	140.000 mm
Product Net Weight:	0.4 kg
Product Net Width:	45.000 mm
Ramp Time:	During Start 1 ... 10 second [unit of time] During Stop 0 ... 20 second [unit of time]
Rated Control Circuit Voltage (U <sub>c</sub> ):	50 Hz / 60 Hz 100 ... 240 V AC
Rated Control Supply Voltage (U <sub>s</sub> ):	100 ... 240 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> ):	12 A
Rated Operational Current AC-15 (I <sub>θ</sub> ):	(240 V) 0.5 A
Rated Operational Power - In-Line Connection (P <sub>e</sub> ):	(230 V) 3 kW (400 V) 5.5 kW (500 V) 5.5 kW
Rated Operational Voltage:	Main Circuit 208 ... 600 V AC
RoHS Date:	0609 3
RoHS Information:	1SFC132031D0202
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#PSR12-600-70
Signal indication completed start ramp (LED):	Green
Signal indication ramping up/down (LED):	Green
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> :	4xI <sub>e</sub> for 6s
Step Down Voltage Special Ramp:	100...60 %
Switch for Inside Delta Connection:	No
Switch for Kick Start (Kick):	No
Terminal Type:	Screw Terminals
Tightening Torque:	Main Circuit 1 N·m Supply Circuit 1 N·m Control Circuit 1 N·m
Type of Start:	Normal

UNSPSC:

39121521

