

General Information

Extended Product Type:	PSR16-600-70
Product ID:	1SFA896107R7000
EAN:	7320500338261
Catalog Description:	PSR16-600-70 SOFTSTARTER
Long Description:	Softstarter PSR16-600-70 for max 600V main voltage and 100-240V 50/60Hz control supply voltage

Categories

Products » Low Voltage Products and Systems » Control Products » Softstarters » Softstarters

Interactive Guides

Category Related Guides: [ABB improves mining industry efficiency - Softstarter PSTX](#)

Ordering

Minimum Order Quantity:	1 piece
Customs Tariff Number:	85371099
EAN:	7320500338261

Dimensions

Product Net Height:	140.000 mm
Product Net Depth:	114.000 mm
Product Net Weight:	0.4 kg
Product Net Width:	45.000 mm

Container Information

Package Level 1 Length:	156 mm
Package Level 1 Height:	124 mm
Package Level 1 Gross Weight:	0.55 kg
Package Level 1 EAN:	7320500338261
Package Level 1 Units:	1 piece
Package Level 2 Units:	1 piece
Package Level 1 Width:	51 mm

Technical

Rated Control Supply Voltage (U_s):	100 ... 240 V AC
Rated Control Circuit Voltage (U_c):	50 Hz / 60 Hz 100 ... 240 V AC
Rated Frequency (f):	Main Circuit 50/60 Hz Control Supply 50/60 Hz
Rated Operational Power - In-Line Connection (P_e):	at 230 V 4 kW at 400 V 7.5 kW at 500 V 7.5 kW
Rated Operational Current - In-Line Connection (I_e):	16 A
Service Factor Percentage:	100 %
Overload Protection:	Recommended MS132 10.00 ... 16.00
Integrated Electronic Overload:	No
Adjustable Rated Motor Current I_e :	No %
Starting Capacity at Maximum Rated Current I_e :	4xle for 6s
Ramp Time:	During Start 1 ... 10 second [unit of time] During Stop 0 ... 20 second [unit of time]
Initial Voltage During Start:	40 ... 70 %
Step Down Voltage Special Ramp:	100...60 %
Current Limit Function:	No
Switch for Inside Delta Connection:	No
Run Signal Relay:	Yes
By-pass Signal Relay:	No
Fault Signal Relay:	No
Overload Signal Relay:	No
Signal indication completed start ramp (LED):	Green
Signal indication ready to	Green

start/standby ON (LED):

Signal indication running R (LED): Green

Signal indication ramping up/down (LED): Green

Number of Starts Per Hour at 3.5^{le} for 7 sec. 50% ON Time 50% OFF Time: 10

Communication: FiledBusPlug(Optional)

Degree of Protection: acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP20

Terminal Type: Screw Terminals

Connecting Capacity Main Circuit: Rigid 1/2x0.75 ... 2.5 mm²

Connecting Capacity Control Circuit: Rigid 1/2x0.75 ... 2.5 mm²

Connecting Capacity Supply Circuit: Rigid 1/2x0.75 ... 2.5 mm²

Tightening Torque: Main Circuit 1 N·m
Supply Circuit 1 N·m
Control Circuit 1 N·m

Product Main Type: PSR16

Rated Operational Voltage: Main Circuit 208 ... 600 V AC

Environmental

Ambient Air Temperature: Operation -25 ... +60 °C
Storage -40 ... +70 °C

RoHS Status: Following EU Directive 2002/95/EC August 18, 2005 and amendment

Certificates and Declarations (Document Number)

Instructions and Manuals: 1SFC132030M0001

Data Sheet, Technical Information: 1SFC132005C0201

Declaration of Conformity - CE: 1SFA1-86

RoHS Information: 1SFC132031D0202

Classifications

E-nummer: 3302046

ETIM 4: EC002572 - Electronic motor control and protection device

ETIM 5: EC002572 - Electronic motor control and protection device

UNSPSC: 39121521

Object Classification Code: Q

