PSR16-600-70

Products → Low Voltage Products and Systems → Control Products → Softstarters → Softstarters

General Information

Global Commercial Alias:	PSR16-600-70
Extended Product Type:	PSR16-600-70
Product ID:	1SFA896107R7000
ABB Type Designation:	PSR16-600-70
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 suppl y voltage

Interactive Guides

Category Related Guides:

ABB improves mining industry efficiency - Softstarter PSTX

Ordering

Minimum Order Quantity:	1 piece
Customs Tariff Number:	85030099

Popular Downloads

Data Sheet, Technical Information:	1SFC132005C0201

Dimensions

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

Technical

Rated Operational Voltage:	Main Circuit 208 ... 600 V AC
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 (Pe):	(230 V) 4 kW (400 V) 7.5 kW (500 V) 7.5 kW
Rated Operational Current - In-Line Connection (Ie):	16 A
Service Factor Percentage:	100 %
Overload Protection:	Recommended MS132 10.00 … 16.00
Integrated Electronic Overload:	No
Adjustable Rated Motor Current Ie:	No %
Starting Capacity at Maximum Rated Current Ie:	4xIe 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 start/standby ON (LED):	Green
Signal indication running R (LED):	Green
Signal indication ramping up/down (LED):	Green
Number of Starts Per Hour at 3.5*Ie 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 1/2 x 0.75 ... 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

Environmental

Ambient Air Temperature:	Storage -40 ... +70 °C Operation -25 ... +60 °C
RoHS Status:	Following EU Directive 2002/95/EC August 18, 2005 and amendment

Certificates and Declarations (Document Number)

Declaration of Conformity - CE:	1SFA1-86
Environmental Information:	1SFC132038D0201
Instructions and Manuals:	1SFC132030M0001
RoHS Information:	1SFC132031D0202

Container Information

Package Level 1 Width:	51 mm
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

Classifications

Object Classification Code:	Q
E-nummer:	3302046
ETIM 4:	EC002572 - Electronic motor control and protection device
ETIM 5:	EC002572 - Electronic motor control and protection device
UNSPSC:	39121521


1L1
3L2
5L3
ST
A1
ABB
PSR16-600-70
On
Ready
Run
TDR
Start/Stop
2T1
4T2
6T3
Run
A2