

PSR30-600-70



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

General Information

Global Commercial Alias:	PSR30-600-70
Extended Product Type:	PSR30-600-70
Product ID:	1SFA896109R7000
ABB Type Designation:	PSR30-600-70
EAN:	7320500338308
Catalog Description:	PSR30-600-70 SOFTSTARTER
Long Description:	Softstarter PSR30-600-70 for max 600V main voltage and 100-240V 50/60 Hz control supply voltage

Interactive Guides

Category Related Guides:

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

Ordering

Minimum Order Quantity:	1 piece
Customs Tariff Number:	85044090

Popular Downloads

Data Sheet, Technical Information:	1SFC132005C0201
Instructions and Manuals:	1SFC132031M0001

Dimensions

Product Net Width:	45.000 mm
Product Net Height:	160.000 mm
Product Net Depth:	128.000 mm
Product Net Weight:	0.65 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 (P_e):	(230 V) 7.5 kW (400 V) 15 kW (500 V) 18.5 kW

Rated Operational Current - In-Line Connection (I_e):	30 A
Service Factor Percentage:	100 %
Overload Protection:	Recommended MS132 25 ... 32
Integrated Electronic Overload:	No
Adjustable Rated Motor Current I_e:	No %
Starting Capacity at Maximum Rated Current I_e:	4xI _e 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:	Yes
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·I_e for 7 sec. 50% ON Time 50% OFF Time:	10
Communication:	FieldBusPlug(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 1/2x2.5 ... 10 mm ²
Connecting Capacity Control Circuit:	Rigid 1 x 0.75 ... 2.5 mm ² Rigid 2 x 0.75 ... 1.5 mm ²
Connecting Capacity Supply Circuit:	Rigid 1x0.75 ... 2.5 mm ² Rigid 2x0.75 ... 1.5 mm ²
Tightening Torque:	Main Circuit 2.3 N·m Supply Circuit 0.6 N·m Control Circuit 0.6 N·m

Product Main Type: PSR30

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: 1SFA1-90

Environmental Information: 1SFC132038D0201

Instructions and Manuals: 1SFC132031M0001

RoHS Information: 1SFC132031D0202

Container Information

Package Level 1 Width: 51 mm

Package Level 1 Length: 178 mm

Package Level 1 Height: 137 mm

Package Level 1 Gross Weight: 0.75 kg

Package Level 1 EAN: 7320500338308

Package Level 1 Units: 1 piece

Package Level 2 Units: 1 piece

Classifications

Object Classification Code: Q

E-nummer: 3302048

ETIM 4: EC002572 - Electronic motor control and protection device

ETIM 5: EC002572 - Electronic motor control and protection device

UNSPSC: 39121521

