PSR12-600-70

PSR12-600-70 SOFTSTARTER

General Information

Global Commercial Alias	PSR12-600-70
Extended Product Type	PSR12-600-70
Product ID	1SFA896106R7000
ABB Type Designation	PSR12-600-70
EAN	7320500338247
Catalog Description	PSR12-600-70 SOFTSTARTER
Long Description	Softstarter PSR12-600-70 for max 600V main voltage and 100-240V 50/60Hz control supply voltage

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85044090

Popular Downloads

Data Sheet, Technical Information	1SFC132005C0201
Instructions and Manuals	1SFC132030M0001

Dimensions

Product Net Width	45.000 mm
Product Net Height	140.000 mm
Product Net Depth / Length	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) 3 kW (400 V) 5.5 kW (500 V) 5.5 kW
Rated Operational Current - In-Line Connection (Ie)	12 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	PSR12

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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

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Certificates and Declarations (Document Number)

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

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Container Information

Package Level 1 Width	51 mm
Package Level 1 Depth / Length	156 mm
Package Level 1 Height	124 mm
Package Level 1 Gross Weight	0.55 kg

Package Level 1 EAN	7320500338247
Package Level 1 Units	1 piece
Package Level 2 Units	1 piece

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Classifications

Object Classification Code	Q
ETIM 4	EC002572 - Electronic motor control and protection device
ETIM 5	EC002572 - Electronic motor control and protection device
ETIM 6	EC002572 - Motor management device
UNSPSC	39121521

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Categories

Drives → Softstarters → Softstarters → PSR Softstarters → PSR12