

PRODUCT-DETAILS

PSR9-600-11

PSR9-600-11 Softstarter - 9 A - 208 ... 600 V AC



General Information	
Global Commercial Alias	PSR9-600-11
Extended Product Type	PSR9-600-11
Product ID	1SFA896105R1100
ABB Type Designation	PSR9-600-11
EAN	7320500477168
Catalog Description	PSR9-600-11 Softstarter - 9 A - 208 600 V AC
	The softstarter PSP0.600-11 has a rated maximum operational current of 0.0 with an

Long Description

operating voltage span from 208...600 V AC. The rated control voltage is 24 V AC/DC. PSR features a two-phase control soft start and stop through a voltage ramp. It has built-in bypass for easy installation and energy saving. A RUN signal is available from a relay output in NO (normally open state). The start/stop ramp and time is easy to set by three potentiometers on the front. PSR is often used in combination with a manual motor starter (MMS) from ABB, so mechanical connection kits are available. Another popular option is Fieldbus communication, which can be enabled by an external adaptor and a Fieldbus plug. The PSR range is our most compact softstarters with basic functionality and values. They are suitable for small three-phase motors with nominal currents from 3...105 A and can manage up to 100 starts per hour. Common applications are, for example, pumps, fans,

Ordering Minimum Order Quantity 1 piece 85371091 **Customs Tariff Number**

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Data Sheet, Technical Information	1SFC132012C0201
Instructions and Manuals	1SFC132076M9901
CAD Dimensional	2CDC001079B0201
Drawing	20000107000201
Wiring Diagram	N/A
Dimensions	
Product Net Width	114 mm
Product Net Height	140 mm
Product Net Depth / Length	45 mm
Product Net Weight	0.4 kg
Technical	
Rated Operational Voltage	208 600 V AC
Rated Control Supply Voltage (U _s)	24 V AC/DC
Rated Control Circuit Voltage (U _c)	24 V DC
Rated Frequency (f)	50/60 Hz Main Circuit 50 / 60 Hz
Rated Operational Power - In-Line Connection (Pe)	(230 V) 2.2 kW (400 V) 4 kW
Rated Operational Current - In-Line Connection (le)	(500 V) 4 kW 9 A
Service Factor Percentage	100 %
Overload Protection	Recommended MS116 6.30 10.00
Integrated Electronic Overload	No
Adjustable Rated Motor Current le	No
Starting Capacity at Maximum Rated Current le	4xle for 6s
Ramp Time	0 20 second [unit of time] 1 10 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	Green
(LED) 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*le for 7 sec. 50% ON Time 50% OFF Time	10
Communication	FiledBusPlug(Optional)
	PileubusPiug(Optional)
Degree of Protection	

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Concenting Capacity Mein Circuit Rigid 12 x 0.75 2.5 mer Connecting Capacity 1 x 0.75 2.5 mer Connecting Capacity 1 x 0.75 2.5 mer Rigid 12 x 0.75 2.5 mer Supph Circuit Connecting Capacity Rigid 12 x 0.75 2.5 mer Rigid 12 x 0.75 2.5 mer Rigid 12 x 0.75 2.5 mer Supph Circuit 1 N m Supph Circuit 1 N m Main C	Terminal Type	Screw Terminals
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Supply Circuit Tightening Torque		
Product Main Type		Rigid 1/2 x 0.75 2.5 mm ²
Product Main Type	Tightening Torque	
PSRS		
Soft stop with voltage rame Technical UL/CSA	Product Main Type	
Technical UL/CSA	Function	
Maximum Operating Voltage ULCSA Main Circuit 600 V Voltage ULCSA Inghtening Torque Control Circuit 8.9 in b Main Circuit 8.9 in b LUCSA Environmental Supply Circuit 8.9 in b Main Circuit 8.9 in b LUCSA Environmental Operation -25 +60 °C Ambient Air Temperature Operation -25 +60 °C Pagree of Protection 1P20 RoHS Information 1SFC132031D0202 RoHS Status Following EU Directive 2002/95/EC August 18. 2005 and amendment Certificates and Declarations CCC Coctainer and Conformity 2020980304001087 -CCC 2020980304001087 -CC 20209803		
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Accessories							
Identifier	Description	Туре	Quantity	Unit Of Measure			
1SFA896211R1001	PSR16-MS116 Connection Kit I	PSR16-MS116	1	piece			
1SFA896312R1002	PS-FBPA Fieldbus plug kit	PS-FBPA	1	piece			
1SFA896311R1001	PSR-FAN3-45A FAN	PSR-FAN3- 45A	1	piece			
1SFA896313R1001	PSR-FAN60-105A FAN	PSR-FAN60- 105A	1	piece			

Categories

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