

PSR37-600-70

ABB contact for [United States of America](#) [Print to Pdf..](#)

General Information

Extended Product Type:	PSR37-600-70
Product ID:	1SFA896110R7000
EAN:	7320500338322
Catalog Description:	SOFTSTARTER
Long Description:	Softstarter PSR37-600-70 for max 600V main voltage and 100-240V 50/60Hz control supply voltage



Categories

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

Ordering

EAN:	7320500338322
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85371099

Dimensions

Product Net Width:	54.000 mm
Product Net Height:	187.000 mm
Product Net Depth:	153.000 mm
Product Net Weight:	1 kg

Container Information

Package Level 1 Width:	58 mm
Package Level 1 Length:	221 mm
Package Level 1 Height:	167 mm
Package Level 1 Gross Weight:	1.15 kg
Package Level 1 EAN:	7320500338322
Package Level 1 Units:	1 piece
Package Level 2 Units:	1 piece

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):	at 230V 7.5 kW at 400V 18.5 kW

	at 500V 22 kW
Rated Operational Current - In-Line Connection (I_e):	37 A
Service Factor Percentage:	100 %
Overload Protection:	Recommended MS450 28 ... 40
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(s) During Stop 0 ... 20 second(s)
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:	FiledBusPlug(Optional)
Degree of Protection:	acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP10
Terminal Type:	Screw Terminals
Connecting Capacity-Main Circuit:	Rigid 1x6 ... 35 mm ² Rigid 2x6 ... 16 mm ²
Connecting Capacity-Control Circuit:	Rigid 1x0.75 ... 2.5 mm ² Rigid 2x0.75 ... 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 4 N·m Supply Circuit 0.6 N·m Control Circuit 0.6 N·m
Product Main Type:	PSR37

Certificates and Declarations (Document Number)

Declaration of Conformity - CE:	1SFA1-91
RoHS Information:	1SFC132031D0202

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

Classifications

E-nummer: 3302049

UNSPSC: 39121521
