

PRODUCT-DETAILS

# PSR30-600-70

## PSR30-600-70 Softstarter



### Γενικές Πληροφορίες

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 50/60Hz control supply voltage

### Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85044090

### Popular Downloads

Data Sheet, Technical Information	1SFC132012C0201
Instructions and Manuals	1SFC132031M0001

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## Dimensions

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Product Net Width	128 mm
Product Net Height	160 mm
Product Net Depth / Length	45 mm
Product Net Weight	0.6 kg

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## Technical

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Rated Operational Voltage	208 ... 600 V AC
Rated Control Supply Voltage ( $U_g$ )	100 ... 240 V AC
Rated Control Circuit Voltage ( $U_c$ )	50 Hz / 60 Hz 100 ... 240 V AC DC Operation 24 V
Rated Frequency (f)	50/60 Hz Main Circuit 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 $I_e$	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	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	10

Hour at 3.5\*Ie for 7 sec.  
50% ON Time 50% OFF  
Time

Communication	FiledBusPlug(Optional)
Degree of Protection	IP20
Terminal Type	Screw Terminals
Connecting Capacity Main Circuit	Rigid 1/2 x 2.5 ... 10 mm <sup>2</sup>
Connecting Capacity Control Circuit	1 x 0.75 ... 2.5 2 x 0.75 ... 2.5 mm <sup>2</sup> Rigid 1 x 0.75 ... 2.5 mm <sup>2</sup> Rigid 2 x 0.75 ... 1.5 mm <sup>2</sup>
Connecting Capacity Supply Circuit	Rigid 1 x 0.75 ... 2.5 mm <sup>2</sup>
Tightening Torque	Control Circuit 0.6 N-m Main Circuit 2.3 N-m Supply Circuit 0.6 N-m
Product Main Type	PSR30

## Technical UL/CSA

Maximum Operating Voltage UL/CSA	Main Circuit 600 V
Ampere Rating UL/CSA	28 A
Tightening Torque UL/CSA	Control Circuit 5.3 in-lb Main Circuit 20.4 Supply Circuit 5.3 in-lb

## 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

## Certificates and Declarations (Document Number)

CQC Certificate	CQC2006010304208086
Declaration of Conformity - CCC	2020980304001088
Declaration of Conformity - CE	1SFA1-90
Environmental Information	1SFC132038D0201
Instructions and Manuals	1SFC132031M0001
RoHS Information	1SFC132031D0202

## Container Information

Package Level 1 Width	137 mm
Package Level 1 Depth / Length	50 mm
Package Level 1 Height	176 mm
Package Level 1 Gross Weight	0.7 kg

Package Level 1 EAN

7320500338308

Package Level 1 Units

box 1 piece

## 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

## Κατηγορίες

Προϊόντα και Συστήματα Χαμηλής Τάσης → Προϊόντα Ελέγχου → Softstarters → Ομαλοί Εκκινήτες → PSR Softstarters → PSR30

Συστήματα Οδήγησης Κινητήρων και Μετατροπείς → Softstarters → Ομαλοί Εκκινήτες → PSR Softstarters → PSR30

