

PSR85-600-70



Products Low Voltage Products and Systems Control Products Softstarters Softstarters

General Information

Extended Product Type:	PSR85-600-70
Product ID:	1SFA896114R7000
EAN:	7320500362631
Catalog Description:	PSR85-600-70 SOFTSTARTER
Long Description:	Softstarter PSR85-600-70 for max 600V main voltage and 100-240V 50/60Hz control supply voltage

Interactive Guides

Category Related Guides:

ABB improves mining industry efficiency - Softstarter PSTX

Additional Information

Adjustable Rated Motor Current le:	No %
Ambient Air Temperature:	Operation -25 ... +60 °C Storage -40 ... +70 °C
By-pass Signal Relay:	Yes
Communication:	FiledBusPlug(Optional)
Connecting Capacity Control Circuit:	Rigid 1x0.75 ... 2.5 mm ² Rigid 2x0.75 ... 1.5 mm ²
Connecting Capacity Main Circuit:	Rigid 1x10 ... 95 mm ² Rigid 2x6 ... 35 mm ²
Connecting Capacity Supply Circuit:	Rigid 1x0.75 ... 2.5 mm ² Rigid 2x0.75 ... 1.5 mm ²
Conventional Free-air Thermal Current (I_{th}):	Signal Relays 3 A
Country of Origin:	China (CN)
Current Limit Function:	No
Current Range:	25 ... 85 A
Customs Tariff Number:	8503009999
Data Sheet, Technical Information:	1SFC132005C0201
Declaration of Conformity - CE:	1SFA1-95
Degree of Protection:	acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP10
E-number:	3302078
EAN:	7320500362631
EPLAN Catalog Tree:	Electrical engineering / Converters / General
ETIM 4:	EC002572 - Electronic motor control and protection device
ETIM 5:	EC002572 - Electronic motor control and protection device
Environmental Information:	1SFC132038D0201
Fault Signal Relay:	No
Industrial IT Certification Level:	0
Initial Voltage During Start:	40 ... 70 %
Instructions and Manuals:	1SFC132033M0001
Integrated Electronic Overload:	No
Invoice Description:	SOFTSTARTER#PSR85-600-70
Minimum Order Quantity:	1 piece
Number of Starts Per Hour at 3.5*I_e for 7 sec. 50%ON Time 50%OFF Time:	10
Object Classification Code:	Q

Overload Protection:	Recommended MS495 70 ... 90
Overload Signal Relay:	No
Package Level 1 EAN:	7320500362631
Package Level 1 Gross Weight:	2.47 kg
Package Level 1 Height:	195 mm
Package Level 1 Length:	230 mm
Package Level 1 Units:	1 piece
Package Level 1 Width:	86 mm
Package Level 2 Units:	1 piece
Power Consumption:	10 V·A
Power Loss:	7.2 W
Product Main Type:	PSR85
Product Name:	SOFTSTARTER
Product Net Depth:	180.000 mm
Product Net Height:	220.000 mm
Product Net Weight:	2.27 kg
Product Net Width:	70.000 mm
Ramp Time:	During Start 1 ... 10 second [unit of time] During Stop 0 ... 20 second [unit of time]
Rated Control Circuit Voltage (U_c):	50 Hz / 60 Hz 100 ... 240 V AC
Rated Control Supply Voltage (U_s):	100 ... 240 V AC
Rated Frequency (f):	Main Circuit 50/60 Hz Control Supply 50/60 Hz
Rated Operational Current - In-Line Connection (I_e):	85 A
Rated Operational Current AC-15 (I_θ):	(240 V) 0.5 A
Rated Operational Power - In-Line Connection (P_e):	(230 V) 22 kW (400 V) 45 kW (500 V) 55 kW
Rated Operational Voltage:	Main Circuit 208 ... 600 V AC
RoHS Date:	0609 3
RoHS Information:	1SFC132031D0202
RoHS Status:	Following EU Directive 2002/95/EC August 18, 2005 and amendment
Run Signal Relay:	Yes
Selling Unit of Measure:	piece
Service Factor Percentage:	100 %
Short Description:	SOFTSTARTER#PSR85-600-70
Signal indication completed start ramp (LED):	Green
Signal indication ramping up/down (LED):	Green
Signal indication ready to start/standby ON (LED):	Green
Signal indication running R (LED):	Green
Starting Capacity at Maximum Rated Current I_e:	4xle for 6s
Step Down Voltage Special Ramp:	100...60 %
Switch for Inside Delta Connection:	No
Switch for Kick Start (Kick):	No
Terminal Type:	Main Circuit: Bars
Tightening Torque:	Main Circuit 8 N·m Supply Circuit 0.6 N·m

Supply Circuit 0.8 N·m
Control Circuit 0.6 N·m

Type of Start:

Normal

UNSPSC:

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