

PRODUCT-DETAILS

PSE300-600-70

SOFTSTARTER#PSE300-600-70

For sale but "Obsolete", replaced by



General Information

Global Commercial Alias	PSE300-600-70
Extended Product Type	PSE300-600-70
Product ID	1SFA897114R7000
ABB Type Designation	PSE300-600-70
EAN	7320500400722
Catalog Description	SOFTSTARTER#PSE300-600-70
Long Description	Softstarter PSE300-600-70 for max 600V main voltage and 100 - 250V 50/60Hz control supply voltage.

Additional Information

Order Code US and Canada	PSE300-600-70
ABB Type Designation	PSE300-600-70
Adjustable Rated Motor Current Ie	30 ... 100 %
Ambient Air Temperature	Operation -25 ... +60 °C Storage -40 ... +70 °C
Ambient Temperature	-25 ... 60 °C
Analog Outputs	4...20 mA
By-pass Signal Relay	Yes
CN8	8537 10 91
Communication	FieldBusPlug(Optional)
Connecting Capacity	Rigid 1 x 2.5 mm²

Control Circuit	Rigid 2 x 1.5 mm ²
Connecting Capacity Main Circuit	Hole Diameter 10.2 mm Width and Thickness 20x5 mm
Connecting Capacity Supply Circuit	Rigid 1 x 2.5 mm ²
Conventional Free-air Thermal Current (I_{th})	Signal Relays 3 A
Current Limit Function	1.5 ... 7xle
Current Range	90.6 ... 302 A
Customs Tariff Number	85371091
Data Sheet, Technical Information	1SFC132005C0201
Declaration of Conformity - CE	2CMT003496
Degree of Protection	IP00
EAN	7320500400722
eClass	V11.0 : 27370907
E-Number (Norway)	4189713
Environmental Information	1SFC132042D0201
EPLAN Catalog Tree	Electrical engineering / Converters / General
EPLAN Product Categorization	Main Product WITH Accessories
ETIM 4	EC002572 - Electronic motor control and protection device
ETIM 5	EC002572 - Electronic motor control and protection device
ETIM 6	EC002572 - Motor management device
ETIM 7	EC000640 - Soft starter
ETIM 8	EC000640 - Soft starter
Fault Signal Relay	Yes
Global Commercial Alias	PSE300-600-70
Initial Voltage During Start	30 ... 70 %
Instructions and Manuals	1SFC132057M0201
Integrated Electronic Overload	Yes
Invoice Description	SOFTSTARTER#PSE300-600-70
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	Build-in electronic overload protection
Overload Signal Relay	Yes
Package Level 1 Depth / Length	600 mm
Package Level 1 EAN	7320500400722
Package Level 1 Gross Weight	14.7 kg
Package Level 1 Height	310 mm
Package Level 1 Units	1 piece
Package Level 1 Width	260 mm
	23 W
Power Loss	18 W
Product Main Type	PSE300
Product Name	Softstarter
Product Net Depth / Length	236.5 mm
Product Net Height	550 mm
Product Net Weight	13.9 kg

Product Net Width	190 mm
Ramp Time	0 ... 30 second [unit of time] 1 ... 30 second [unit of time]
Rated Control Circuit Voltage (U _c)	DC Operation 24 V
Rated Control Supply Voltage (U _s)	100 ... 250 V AC
Rated Frequency (f)	50/60 Hz Main Circuit 50 / 60 Hz
Rated Operational Current - In-Line Connection (I _e)	300 A
Rated Operational Current AC-15 (I _g)	(250 V) 1.5 A
Rated Operational Power - In-Line Connection (P _e)	(230 V) 90 kW (400 V) 160 kW (500 V) 200 kW
Rated Operational Voltage	208 ... 600 V AC
Replacement Product ID (NEW)	1SFA897114R7001
RoHS Date	1042 1
RoHS Information	1SFC132043D0201
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#PSE300-600-70
Signal Indication Completed Start Ramp (LED)	Green
Signal Indication Fault (LED)	Red
Signal Indication Protection (LED)	Yellow
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	4xI _e for 10s
Step Down Voltage Special Ramp	No %
Switch for Inside Delta Connection	No
Switch for Kick Start (Kick)	Yes
Terminal Type	Main Circuit: Bars
Tightening Torque	Control Circuit 0.5 N·m Main Circuit 28 N·m Supply Circuit 0.5 N·m
Trip Class	class 30 class 10 class 10A class 20
Type of Start	normal
UNSPSC	39121521
WEEE B2C / B2B	Business To Business
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
ETIM 9	EC000640 - Soft starter



Submitted by TECO Group