

PSS18/30-500F



Products Low Voltage Products and Systems Control Products Softstarters Softstarters

General Information

Extended Product Type:	PSS18/30-500F
Product ID:	1SFA892001R1001
EAN:	7320500206478
Catalog Description:	PSS18/30-500F SOFTSTARTER
Long Description:	Softstarter PSS18/30-500F for max 500V main voltage and 110 - 120V 50/60Hz control supply voltage having a NO fault contact

Interactive Guides

Category Related Guides:

ABB improves mining industry efficiency - Softstarter PSTX

Additional Information

Adjustable Rated Motor Current I_e:	No %
Ambient Air Temperature:	Storage -40 ... +70 °C Operation -25 ... +60 °C
By-pass Signal Relay:	Yes
Communication:	No
Connecting Capacity Control Circuit:	Rigid 2.5 mm ²
Connecting Capacity Main Circuit:	Rigid 1/2x2.5 ... 16 mm ²
Connecting Capacity Supply Circuit:	Rigid 2.5 mm ²
Conventional Free-air Thermal Current (I_{th}):	Signal Relays 5 A
Country of Origin:	Sweden (SE)
Current Limit Function:	1.5 ... 4 xI _e if current transformer is connected
Current Range:	7.6 ... 18 A
Customs Tariff Number:	8503009999
Data Sheet, Technical Information:	1SFC132005C0201
Declaration of Conformity - CE:	1SFA1-47
Degree of Protection:	acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP20
EAN:	7320500206478
ETIM 4:	EC002572 - Electronic motor control and protection device
ETIM 5:	EC002572 - Electronic motor control and protection device
Environmental Information:	1SFC132002D0201
Fault Signal Relay:	Yes, NO contact
Industrial IT Certification Level:	0
Initial Voltage During Start:	30 ... 70 %
Instructions and Manuals:	1SFC388002-EN
Integrated Electronic Overload:	No
Invoice Description:	SOFTSTARTER#PSS18/30-500F
Minimum Order Quantity:	1 piece
Number of Starts Per Hour at 3.5*I_e for 7 sec. 50%ON Time 50%OFF Time:	30
Object Classification Code:	Q
Overload Protection:	Recommended TF42DU 7.6 ... 18
Overload Signal Relay:	No
Package Level 1 EAN:	7320500206478
Package Level 1 Gross Weight:	3 kg

Package Level 1 Height:	235 mm
Package Level 1 Length:	320 mm
Package Level 1 Units:	1 piece
Package Level 1 Width:	175 mm
Package Level 2 Units:	1 piece
Power Consumption:	9 V·A
Power Loss:	65 W
Product Main Type:	PSS18/30
Product Name:	SOFTSTARTER
Product Net Depth:	162.000 mm
Product Net Height:	200.000 mm
Product Net Weight:	3.2 kg
Product Net Width:	120.000 mm
Ramp Time:	During Stop 0 ... 30 second [unit of time] During Start 1 ... 30 second [unit of time]
Rated Control Circuit Voltage (U _c):	DC Operation 24 V
Rated Control Supply Voltage (U _s):	110 ... 120 V AC
Rated Frequency (f):	Control Supply 50/60 Hz Main Circuit 50/60 Hz
Rated Operational Current - In-Line Connection (I _e):	18 A
Rated Operational Current - Inside Delta Connection:	30 A
Rated Operational Current AC-15 (I _e):	(250 V) 1.5 A
Rated Operational Power - In-Line Connection (P _e):	(500 V) 11 kW (400 V) 7.5 kW (230 V) 4 kW
Rated Operational Power - Inside Delta Connection:	at 500 V 18.5 kW at 400 V 15 kW at 230 V 7.5 kW
Rated Operational Voltage:	Main Circuit 208 ... 500 V AC
RoHS Date:	0605 2
RoHS Information:	1SFC132034D0202
RoHS Status:	Following EU Directive 2002/95/EC August 18, 2005 and amendment
Run Signal Relay:	No
Selling Unit of Measure:	piece
Service Factor Percentage:	115 %
Short Description:	SOFTSTARTER#PSS18/30-500F
Signal indication completed start ramp (LED):	Green
Signal indication fault (LED):	Red
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 10s
Step Down Voltage Special Ramp:	No %
Switch for Inside Delta Connection:	Yes
Switch for Kick Start (Kick):	No
Terminal Type:	Screw Terminals
Tightening Torque:	Control Circuit 0.5 N·m Supply Circuit 0.5 N·m

Supply Circuit 0.8 N·m
Main Circuit 2.6 N·m

Type of Start:	Normal
UNSPSC:	39121521

