

General Information

Extended Product Type:	PSS30/52-500L
Product ID:	1SFA892002R1002
EAN:	7320500206522
Catalog Description:	PSS30/52-500L SOFTSTARTER
Long Description:	Softstarter PSS30/52-500L for max 500V main voltage and 220 - 240V 50/60Hz control supply voltage having a NO fault contact

Categories

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

Interactive Guides

Category Related Guides: [ABB improves mining industry efficiency - Softstarter PSTX](#)

Ordering

EAN:	7320500206522
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85371099

Dimensions

Product Net Width:	120.000 mm
Product Net Height:	200.000 mm
Product Net Depth:	162.000 mm
Product Net Weight:	3.2 kg

Container Information

Package Level 1 Width:	175 mm
Package Level 1 Length:	320 mm
Package Level 1 Height:	235 mm
Package Level 1 Gross Weight:	3 kg
Package Level 1 EAN:	7320500206522
Package Level 1 Units:	1 piece
Package Level 2 Units:	1 piece

Technical

Rated Operational Voltage:	Main Circuit 208 ... 500 V AC
Rated Control Supply Voltage (U_s):	220 ... 240 V AC
Rated Control Circuit Voltage (U_c):	DC Operation 24 V
Rated Frequency (f):	Control Supply 50/60 Hz Main Circuit 50/60 Hz
Rated Operational Power - In-Line Connection (P_e):	at 500 V 18.5 kW at 400 V 15 kW at 230 V 7.5 kW
Rated Operational Current - In-Line Connection (I_e):	30 A
Rated Operational Power - Inside Delta Connection:	at 500 V 30 kW at 400 V 25 kW at 230 V 12.5 kW
Rated Operational Current - Inside Delta Connection:	52 A
Service Factor Percentage:	115 %
Overload Protection:	Recommended TF42DU 7.6 ... 30
Integrated Electronic Overload:	No
Adjustable Rated Motor Current I_e :	No %
Starting Capacity at Maximum Rated Current I_e :	4xle for 10s
Ramp Time:	During Stop 0 ... 30 second [unit of time] During Start 1 ... 30 second [unit of time]
Initial Voltage During Start:	30 ... 70 %
Step Down Voltage Special Ramp:	No %
Current Limit Function:	1.5 ... 4 xle if current transformer is connected
Switch for Inside Delta Connection:	Yes
Run Signal Relay:	No

By-pass Signal Relay:	Yes
Fault Signal Relay:	Yes, NO contact
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 fault (LED):	Red
Number of Starts Per Hour at 3.5^le for 7 sec. 50% ON Time 50% OFF Time:	30
Communication:	No
Degree of Protection:	acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP20
Terminal Type:	Screw Terminals
Connecting Capacity Main Circuit:	Rigid 1/2x2.5 ... 16 mm ²
Connecting Capacity Control Circuit:	Rigid 2.5 mm ²
Connecting Capacity Supply Circuit:	Rigid 2.5 mm ²
Tightening Torque:	Control Circuit 0.5 N·m Supply Circuit 0.5 N·m Main Circuit 2.6 N·m
Product Main Type:	PSS30/52

Environmental

Ambient Air Temperature:	Storage -40 ... +70 °C Operation -25 ... +60 °C
RoHS Status:	Following EU Directive 2002/95/EC August 18, 2005 and amendment

Certificates and Declarations (Document Number)

Data Sheet, Technical Information:	1SFC132005C0201
Declaration of Conformity - CE:	1SFA1-47
RoHS Information:	1SFC132034D0202
Instructions and Manuals:	1SFC388002-EN

Classifications

Object Classification Code:	Q
E-number:	3302127
ETIM 4:	EC002572 - Electronic motor control and protection device
ETIM 5:	EC002572 - Electronic motor control and protection device
UNSPSC:	39121521

