



Reference: PS S30/52-500LC Code: 1SFA892002R2002

PSS30/52-500LC SOFTSTARTER

Buy it at Electric Automation Network



Softstarter PSS30/52-500LC for max 500V main voltage and 220 - 240V 50/60Hz control supply voltage having a NC fault contact

Ordering

EAN:	7320500223543
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:	7320500223543
Package Level 1 Units:	1 piece
Package Level 2 Units:	1 piece

Technical

Rated Control Supply Voltage (Up): 220 240 V AC Rated Control Circuit Voltage (Up): DC Operation 24 V Rated Frequency (f): Main Circuit Supply 50/60 Hz Rated Operational Power - In-Line Connection (Pe): at 500 V 18.5 kW at 300 V 18.5 kW at 300 V 15 kW at 400 V 15 kW at 300 V 15 kW at 400 V 15 kW at 300 V 15 kW at 300 V 15 kW at 300 V 15 kW at 400 V 15 kW at 300 V 15 kW at 30	Rated Operational Voltage:	Main Circuit 208 500 V AC
Rated Frequency (f): Rated Operational Power - In-Line Connection (Pe): Rated Operational Current - In-Line Connection (Ie): Rated Operational Current - In-Line Connection (Ie): Rated Operational Current - In-Line Connection (Ie): Rated Operational Power - Inside Delta Connection: at 400 V 15 kW at 230 V 7.5 kW Rated Operational Current - Inside Delta Connection: 2 A Service Factor Percentage: 115 % Overload Protection: Recommended TF42DU 7.6 30 Integrated Electronic Overload: No Adjustable Rated Motor Current Ie: No % Starting Capacity at Maximum Rated Current Ie: Ale for 10s Ramp Time: During Stop 0 30 second(s) During Start 1 30 second(s) During Start 1 30 second(s) Initial Voltage During Start: No % 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 Syp-pass Signal Relay: No Syp-pass Signal Relay: Overload Signal Relay: Overload Signal Relay: Signal indication completed start ramp (LED): Green Signal indication ready to start/standby ON (LED): Green Signal indication randy to start/standby ON (LED): Green Signal indication fault (LED): Red No No Communication: No Rec. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP20 Terminal Type: Screw Terminals Rigid J/2×2.5 16 mm²	Rated Control Supply Voltage (U _s):	220 240 V AC
Rated Operational Power - In-Line Connection (Pe): Rated Operational Current - In-Line Connection (Ie): Rated Operational Current - In-Line Connection (Ie): Rated Operational Current - In-Line Connection: Rated Operational Power - Inside Delta Connection: Rated Operational Current - Inside Delta Connection: Rated Operational Current - Inside Delta Connection: Service Factor Percentage: 115 % Overload Protection: Recommended TF42DU 7.6 30 Integrated Electronic Overload: No Adjustable Rated Motor Current Ie: No % Starting Capacity at Maximum Rated Current Ie: Avie for 10s Ramp Time: During Stop 0 30 second(s) During Start 1 30 second(s) 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: Ves, NC contact Overload Signal Relay: Ves, NC contact Overload Signal Relay: No Signal indication completed start ramp (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: Communication: No Degree of Protection: Terminal Type: Connecting Capacity-Main Circuit: Rigid 1/2x2.5 16 mm²	Rated Control Circuit Voltage (U _c):	DC Operation 24 V
Rated Operational Power - In-Line Connection (Pe): at 400 v 15 kW at 230 v 7.5 kW Rated Operational Current - In-Line Connection (Ie): 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 Ie: No % Starting Capacity at Maximum Rated Current Ie: Avie for 10s During Stop 0 30 second(s) During Start 1 30 second(s) During Start 1 30 second(s) During Start 1 30 second(s) 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: No Signal indication completed start ramp (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: Communication: Rigid In/2x2.5 16 mm² Connecting Capacity-Main Circuit: Rigid In/2x2.5 16 mm² Rate Operational Current - In-Line Connection is at 400 v 15 km was at 230 v 15 km was	Rated Frequency (f):	
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 Ie: No % Starting Capacity at Maximum Rated Current Ie: Avkle for 10s During Stop 0 30 second(s) During Start 1 30 second(s) During Start 1 30 second(s) Initial Voltage During Start: 30 70 % Step Down Voltage Special Ramp: No % Current Limit Function: Switch for Inside Delta Connection: Yes Run Signal Relay: No By-pass Signal Relay: Yes, NC contact Overload Signal Relay: Signal indication completed start ramp (LED): Green Signal indication ready to start/standby ON (LED): Green Signal indication randing R (LED): Signal indication fault (LED): Red Number of Starts Per Hour at 3.5*le for 7 sec. 50% ON Time 50% OFF Time: Communication: No Degree of Protection: Terminal Type: Screw Terminals Connecting Capacity-Main Circuit: Rigid 1/2x2.5 16 mm²	Rated Operational Power - In-Line Connection (Pe):	at 400 V 15 kW
Rated Operational Power - Inside Delta Connection: Rated Operational Current - Inside Delta Connection: Service Factor Percentage: 115 % Overload Protection: Recommended TF42DU 7.6 30 Integrated Electronic Overload: No Adjustable Rated Motor Current le: No % Starting Capacity at Maximum Rated Current le: Aule for 10s Ramp Time: During Starp 0 30 second(s) During Start 1 30 second(s) Initial Voltage During Start: 30 70 % Step Down Voltage Special Ramp: No % Current Limit Function: Switch for Inside Delta Connection: Run Signal Relay: Pes Fault Signal Relay: Yes, NC contact Overload Signal Relay: Ves, NC contact Overload Signal Relay: Signal indication completed start ramp (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: Communication: No Degree of Protection: Terminal Type: Screw Terminals Connecting Capacity-Main Circuit: Rigid 1/2x2.5 16 mm² Rigid 1/2x2.5 16 mm² Recommended TF42DU 7.6 30 Integrated Electronic Overload Signal New Addition of The Starts Per Hour at 3.5*le for 7 sec. 50* Connection Signal New Addition Circuit: Rate 2 Additional Starts Per Hour at 3.5*le for 7 sec. 50% ON Time 50% OFF Time: Communication: Recommended TF42DU 7.6 30 Recommended TF42DU 7.6 30 Integrated Electronic Overload Signal Relay: Screw Terminals Connecting Capacity-Main Circuit: Rate 2 Addition Time 1 30 Recommended TF42DU 7.6 30 Integrated Electronic Starts Recommended The Starts Recommended	Rated Operational Current - In-Line Connection (Ie):	30 A
Service Factor Percentage: Overload Protection: Recommended TF42DU 7.6 30 Integrated Electronic Overload: No Adjustable Rated Motor Current le: No % Starting Capacity at Maximum Rated Current le: Axle for 10s Ramp Time: During Stop 0 30 second(s) During Start 1 30 second(s) 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: Ves, NC contact Overload Signal Relay: No Signal indication completed start ramp (LED): Green Signal indication ready to start/standby ON (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: Communication: No Degree of Protection: Terminal Type: Screw Terminals Connecting Capacity-Main Circuit: Rigid 1/2x2.5 16 mm²	Rated Operational Power - Inside Delta Connection:	at 400 V 25 kW
Overload Protection: Recommended TF42DU 7.6 30 Integrated Electronic Overload: No Adjustable Rated Motor Current Ie: No % Starting Capacity at Maximum Rated Current Ie: 4xle for 10s Ramp Time: During Stop 0 30 second(s) During Start 1 30 second(s) Initial Voltage During Start: 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, NC 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): 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 1/2xx2.5 16 mm²	Rated Operational Current - Inside Delta Connection:	52 A
Integrated Electronic Overload: Adjustable Rated Motor Current Ie: No % Starting Capacity at Maximum Rated Current Ie: Ramp Time: During Stop 0 30 second(s) During Start 1 30 second(s) During Start 1 30 second(s) During Start 1 30 second(s) 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, NC 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: Communication: No Degree of Protection: Terminal Type: Screw Terminals Connecting Capacity-Main Circuit: Rigid 1/2x2.5 16 mm²	Service Factor Percentage:	115 %
Adjustable Rated Motor Current le: Starting Capacity at Maximum Rated Current le: Ramp Time: During Stop 0 30 second(s) During Start 1 30 second(s) Step Down Voltage Special Ramp: No % 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, NC contact Overload Signal Relay: No Signal indication completed start ramp (LED): Green Signal indication ready to start/standby ON (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: Communication: No Degree of Protection: Terminal Type: Screw Terminals Rigid 1/2x2.5 16 mm²	Overload Protection:	Recommended TF42DU 7.6 30
Starting Capacity at Maximum Rated Current le: Ramp Time: During Storp 0 30 second(s) During Start 1 30 second(s) During Start 1 30 second(s) 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, NC contact Overload Signal Relay: No Signal indication completed start ramp (LED): Green Signal indication ready to start/standby ON (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: Communication: No Degree of Protection: Terminal Type: Screw Terminals Connecting Capacity-Main Circuit: Rigid 1/2x2.5 16 mm²	Integrated Electronic Overload:	No
Ramp Time: During Stop 0 30 second(s) During Start 1 30 second(s) 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, NC contact Overload Signal Relay: No Signal indication completed start ramp (LED): Green Signal indication ready to start/standby ON (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: Communication: No Degree of Protection: Terminal Type: Connecting Capacity-Main Circuit: Rigid 1/2x2.5 16 mm²	Adjustable Rated Motor Current le:	No %
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, NC contact Overload Signal Relay: No Signal indication completed start ramp (LED): Green Signal indication ready to start/standby ON (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: Communication: Degree of Protection: Terminal Type: Connecting Capacity-Main Circuit: Rigid 1/2x2.5 16 mm²	Starting Capacity at Maximum Rated Current le:	4xle for 10s
Step Down Voltage Special Ramp: 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, NC contact Overload Signal Relay: No Signal indication completed start ramp (LED): Green Signal indication ready to start/standby ON (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: Communication: No Degree of Protection: Terminals IP20 Terminal Type: Connecting Capacity-Main Circuit: Rigid 1/2x2.5 16 mm²	Ramp Time:	
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, NC contact Overload Signal Relay: No Signal indication completed start ramp (LED): Green Signal indication ready to start/standby ON (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: Communication: No Degree of Protection: Terminal Type: Connecting Capacity-Main Circuit: Red Rigid 1/2x2.5 16 mm²	Initial Voltage During Start:	30 70 %
Switch for Inside Delta Connection: Run Signal Relay: No By-pass Signal Relay: Yes Fault Signal Relay: Overload Signal Relay: No Signal indication completed start ramp (LED): Green Signal indication ready to start/standby ON (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: Communication: Degree of Protection: Red 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 mm²	Step Down Voltage Special Ramp:	No %
Run Signal Relay: By-pass Signal Relay: Yes Fault Signal Relay: Yes, NC contact Overload Signal Relay: No Signal indication completed start ramp (LED): Signal indication ready to start/standby ON (LED): Signal indication running R (LED): Signal indication fault (LED): Red Number of Starts Per Hour at 3.5*le for 7 sec. 50% ON Time 50% OFF Time: Communication: Degree of Protection: Terminal Type: Screw Terminals Rigid 1/2x2.5 16 mm²	Current Limit Function:	1.5 4 xle if current transformer is connected
By-pass Signal Relay: Fault Signal Relay: Overload Signal Relay: 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: Communication: No Degree of Protection: Terminal Type: Screw Terminals Connecting Capacity-Main Circuit: Rigid 1/2x2.5 16 mm²	Switch for Inside Delta Connection:	Yes
Fault Signal Relay: Overload Signal Relay: No Signal indication completed start ramp (LED): Signal indication ready to start/standby ON (LED): Signal indication running R (LED): Signal indication running R (LED): Signal indication fault (LED): Red Number of Starts Per Hour at 3.5*le for 7 sec. 50% ON Time 50% OFF Time: Communication: No Degree of Protection: Terminal Type: Screw Terminals Connecting Capacity-Main Circuit: Rigid 1/2x2.5 16 mm²	Run Signal Relay:	No
Overload Signal Relay: 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: Communication: No Degree of Protection: Terminal Type: Screw Terminals Connecting Capacity-Main Circuit: Rigid 1/2x2.5 16 mm²	By-pass Signal Relay:	Yes
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: Communication: No Degree of Protection: Terminal Type: Screw Terminals Connecting Capacity-Main Circuit: Green Green Red 30 30 Strew Terminals Rigid 1/2x2.5 16 mm²	Fault Signal Relay:	Yes, NC contact
Signal indication ready to start/standby ON (LED): Green Green Signal indication running R (LED): Red Number of Starts Per Hour at 3.5*le for 7 sec. 50% ON Time 50% OFF Time: Communication: No Degree of Protection: Terminal Type: Screw Terminals Rigid 1/2x2.5 16 mm²	Overload Signal Relay:	No
Signal indication running R (LED): Signal indication fault (LED): Red Number of Starts Per Hour at 3.5*le for 7 sec. 50% ON Time 50% OFF Time: Communication: No Degree of Protection: Terminal Type: Screw Terminals Connecting Capacity-Main Circuit: Rigid 1/2x2.5 16 mm²	Signal indication completed start ramp (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: Communication: No Degree of Protection: Terminal Type: Screw Terminals Connecting Capacity-Main Circuit: Red 30 Red 30 Red 30 Red 30 Rigid 1/2x2.5 16 mm²	Signal indication ready to start/standby ON (LED):	Green
Number of Starts Per Hour at 3.5*le for 7 sec. 50% ON Time 50% OFF Time: Communication: No Degree of Protection: Terminal Type: Screw Terminals Connecting Capacity-Main Circuit: Rigid 1/2x2.5 16 mm²	Signal indication running R (LED):	Green
Time 50% OFF Time: Communication: No Degree of Protection: Terminal Type: Screw Terminals Connecting Capacity-Main Circuit: Rigid 1/2x2.5 16 mm²	Signal indication fault (LED):	Red
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 mm²		30
Terminals IP20 Terminal Type: Screw Terminals Connecting Capacity-Main Circuit: Rigid 1/2x2.5 16 mm²	Communication:	No
Connecting Capacity-Main Circuit: Rigid 1/2x2.5 16 mm ²	Degree of Protection:	
	Terminal Type:	Screw Terminals
Connecting Capacity-Control Circuit: Rigid 2.5 mm ²	Connecting Capacity-Main Circuit:	Rigid 1/2x2.5 16 mm²
	Connecting Capacity-Control Circuit:	Rigid 2.5 mm²

Connecting Capacity-Supply Circuit:	Rigid 2.5 mm²
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

Certificates and Declarations (Document Number)

Declaration of Conformity - CE:	1SFA1-47
RoHS Information:	1SFC132034D0202

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

Classifications

UNSPSC:	39121521	