

PRODUCT-DETAILS

PSS85/147-500F

PSS85/147-500F SOFTSTARTER



General Information

Extended Product Type	PSS85/147-500F
Product ID	1SFA892008R1001
EAN	7320500206751
Catalog Description	PSS85/147-500F SOFTSTARTER
Long Description	Softstarter PSS85/147-500F for max 500V main voltage and 110 - 120V 50/60Hz control supply voltage having a NO fault contact

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	8503009999

Popular Downloads

Data Sheet, Technical Information	1SFC132005C0201
Instructions and Manuals	1SFC388002-EN

Dimensions

Product Net Width	181.000 mm
Product Net Height	340.000 mm
Product Net Depth / Length	265.000 mm
Product Net Weight	10 kg

Technical

Rated Operational Voltage	Main Circuit 208 ... 500 V AC
Rated Control Supply Voltage (U_s)	110 ... 120 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)	(500 V) 55 kW (400 V) 45 kW (230 V) 22 kW
Rated Operational Current - In-Line Connection (I_e)	85 A
Rated Operational Power - Inside Delta Connection	at 500 V 90 kW at 400 V 75 kW at 230 V 40 kW
Rated Operational Current - Inside Delta Connection	147 A
Service Factor Percentage	115 %
Overload Protection	Recommended TA110DU 65 ... 85
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*I _e 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 IP00
Terminal Type	Main Circuit: Bars
Connecting Capacity Main Circuit	Hole Diameter 8.5 mm Width and Thickness 17.5x5 mm
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 18 N·m
Product Main Type	PSS85/147

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)

Declaration of Conformity - CE	1SFA1-47
Environmental Information	1SFC132002D0201
Instructions and Manuals	1SFC388002-EN
RoHS Information	1SFC132034D0202

Container Information

Package Level 1 Width	235 mm
Package Level 1 Depth / Length	450 mm
Package Level 1 Height	315 mm
Package Level 1 Gross Weight	9.8 kg
Package Level 1 EAN	7320500206751
Package Level 1 Units	1 piece
Package Level 2 Units	1 piece

Classifications

Object Classification Code	Q
ETIM 4	EC002572 - Electronic motor control and protection device
ETIM 5	EC002572 - Electronic motor control and protection device

UNSPSC

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Categories

Drives → Softstarters → Softstarters → PSS Softstarters → PSS85

Low Voltage Products and Systems → Control Products → Softstarters → Softstarters → PSS Softstarters → PSS85

