



PRODUCT-DETAILS

PSS142/245-500L
SOFTSTARTER#PSS142/245-500L



General Information	
Extended Product Type	PSS142/245-500L
Product ID	1SFA892010R1002
EAN	7320500206782
Catalog Description	SOFTSTARTER#PSS142/245-500L
Long Description	Softstarter PSS142/245-500L for max 500V main voltage and 220 - 240V 50/60Hz control supply voltage having a NO fault contact

Additional Information	
Adjustable Rated Motor Current Ie	No
Ambient Air Temperature	Operation -25 ... +60 °C Storage -40 ... +70 °C
Ambient Temperature	-25 ... 60 °C
By-pass Signal Relay	Yes
CN8	8503 00 99
Communication	No
Connecting Capacity Control Circuit	Rigid 2.5 mm²

Connecting Capacity Main Circuit	Hole Diameter 8.5 mm Width and Thickness 17.5x5 mm
Connecting Capacity Supply Circuit	Rigid 2.5 mm ²
Conventional Free-air Thermal Current (I _{th})	Signal Relays 5 A
Current Limit Function	1.5 ... 4 xle if current transformer is connected
Current Range	66 ... 142 A
Customs Tariff Number	8503009999
Data Sheet, Technical Information	1SFC132005C0201
Declaration of Conformity - CE	1SFA1-47
Degree of Protection	IP00
EAN	7320500206782
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 7	EC000640 - Soft starter
ETIM 8	EC000640 - Soft starter
ETIM 9	EC000640 - Soft starter
Environmental Information	1SFC132002D0201
Fault Signal Relay	Yes, NO contact
Initial Voltage During Start	30 ... 70 %
Instructions and Manuals	1SFC388002-EN
Integrated Electronic Overload	No
Invoice Description	SOFTSTARTER#PSS142/245-500L
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
Order Code US and Canada	PSS142/245-500L
Order Multiple	1
Overload Protection	Recommended TA200DU 66 ... 142
Overload Signal Relay	No
Package Level 1 Depth / Length	450 mm
Package Level 1 EAN	7320500206782
Package Level 1 Gross Weight	11.6 kg
Package Level 1 Height	315 mm
Package Level 1 Units	1 piece
Package Level 1 Width	235 mm
	36 W
Power Loss	462 W
Product Main Type	PSS142/245
Product Name	Softstarter
Product Net Depth / Length	265 mm

Product Net Height	340 mm
Product Net Weight	12.3 kg
Product Net Width	181 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)	220 ... 240 V AC
Rated Frequency (f)	50/60 Hz Main Circuit 50 / 60 Hz
Rated Operational Current - In-Line Connection (I _e)	142 A
Rated Operational Current - Inside Delta Connection	245 A
Rated Operational Current AC-15 (I _e)	(250 V) 1.5 A
Rated Operational Power - In-Line Connection (P _e)	(230 V) 37 kW (400 V) 75 kW (500 V) 90 kW
Rated Operational Power - Inside Delta Connection	at 230 V 75 kW at 400 V 132 kW at 500 V 160 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#PSS142/245-500L
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	Main Circuit: Bars
Tightening Torque	Control Circuit 0.5 N·m Main Circuit 18 N·m Supply Circuit 0.5 N·m
Type of Start	normal
UNSPSC	39121521
WEEE B2C / B2B	Business To Business

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
eClass	V11.0 : 27370907

