



 PRODUCT-DETAILS

PSS50/85-690LC

SOFTSTARTER#PSS50/85-690LC



General Information

Extended Product Type	PSS50/85-690LC
Product ID	1SFA893005R2002
EAN	7320500223864
Catalog Description	SOFTSTARTER#PSS50/85-690LC
Long Description	Softstarter PSS50/85-690LC for max 690V main voltage and 110 - 120 V 50/60Hz control supply voltage having a NC fault contact

Additional Information

Adjustable Rated Motor Current I _e	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 mm ²

Connecting Capacity Main Circuit	Rigid 1x 6 ... 50 mm ²
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 xI _e if current transformer is connected
Current Range	18 ... 50 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 IP10
EAN	7320500223864
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, NC contact
Initial Voltage During Start	30 ... 70 %
Instructions and Manuals	1SFC388002-EN
Integrated Electronic Overload	No
Invoice Description	SOFTSTARTER#PSS50/85-690LC
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 Multiple	1
Overload Protection	Recommended TA75DU 18 ... 50
Overload Signal Relay	No
Package Level 1 Depth / Length	355 mm
Package Level 1 EAN	7320500223864
Package Level 1 Gross Weight	4.5 kg
Package Level 1 Height	275 mm
Package Level 1 Units	1 piece
Package Level 1 Width	195 mm
Power Loss	10 W
Power Loss	160 W
Product Main Type	PSS50/85
Product Name	Softstarter
Product Net Depth / Length	162 mm
Product Net Height	250 mm
Product Net Weight	4.1 kg

Product Net Width	140 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)	50 A
Rated Operational Current - Inside Delta Connection	85 A
Rated Operational Current AC-15 (I _e)	(250 V) 1.5 A
Rated Operational Power - In-Line Connection (P _e)	(400 V) 25 kW (500 V) 30 kW (690 V) 45 kW
Rated Operational Power - Inside Delta Connection	at 400 V 45 kW at 500 V 55 kW at 690 V 75 kW
Rated Operational Voltage	Main Circuit 400 ... 690 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#PSS50/85-690LC
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	4xI _e 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 Main Circuit 4.5 N·m Supply Circuit 0.5 N·m
Type of Start	normal
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
eClass	V11.0 : 27370907

