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 PRODUCT-DETAILS

# PSS142/245-690FC

## SOFTSTARTER#PSS142/245-690FC




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**General Information**

Extended Product Type	PSS142/245-690FC
Product ID	1SFA893010R2001
EAN	7320500223956
Catalog Description	SOFTSTARTER#PSS142/245-690FC
Long Description	Softstarter PSS142/245-690FC for max 690V main voltage and 110 - 120V 50/60Hz control supply voltage having a NC fault contact

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**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 mm <sup>2</sup>

Connecting Capacity Main Circuit	Hole Diameter 8.5 mm Width and Thickness 17.5x5 mm
Connecting Capacity Supply Circuit	Rigid 2.5 mm <sup>2</sup>
Conventional Free-air Thermal Current (I <sub>th</sub> )	Signal Relays 5 A
Current Limit Function	1.5 ... 4 xI <sub>e</sub> 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	acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP00
EAN	7320500223956
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#PSS142/245-690FC
Minimum Order Quantity	1 piece
Number of Starts Per Hour at 3.5*I <sub>e</sub> for 7 sec. 50% ON Time 50% OFF Time	30
Object Classification Code	Q
Order Multiple	1
Overload Protection	Recommended TA200DU 66 ... 142
Overload Signal Relay	No
Package Level 1 Depth / Length	450 mm
Package Level 1 EAN	7320500223956
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
Power Loss	36 W
Product Main Type	462 W
Product Name	PSS142/245
Product Net Depth / Length	Softstarter
Product Net Height	265 mm
Product Net Weight	340 mm
	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 <sub>c</sub> )	DC Operation 24 V
Rated Control Supply Voltage (U <sub>s</sub> )	110 ... 120 V AC
Rated Frequency (f)	50/60 Hz Main Circuit 50 / 60 Hz
Rated Operational Current - In-Line Connection (I <sub>e</sub> )	142 A
Rated Operational Current - Inside Delta Connection	245 A
Rated Operational Current AC-15 (I <sub>e</sub> )	(250 V) 1.5 A
Rated Operational Power - In-Line Connection (P <sub>e</sub> )	(400 V) 75 kW (500 V) 90 kW (690 V) 132 kW
Rated Operational Power - Inside Delta Connection	at 400 V 132 kW at 500 V 160 kW at 690 V 220 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#PSS142/245-690FC
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 <sub>e</sub>	4xI <sub>e</sub> 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
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
eClass	V11.0 : 27370907

