

PRODUCT-DETAILS

PSTB470-690-70

PSTB470-690-70 Softstarter - 470 A - Main Circuit 400 ... 690 V AC



General Information

Extended Product Type	PSTB470-690-70
Product ID	1SFA895016R7000
EAN	7320500255834
Catalog Description	PSTB470-690-70 Softstarter - 470 A - Main Circuit 400 ... 690 V AC
Long Description	Softstarter PSTB470-690-70 for max 690V main voltage and 110 - 240V 50/60Hz control supply voltage

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	8503009999

Popular Downloads

Data Sheet, Technical Information	1SFC132005C0201
Instructions and Manuals	1SFC132003M0201

Dimensions

Product Net Width	366 mm
Product Net Height	460 mm
Product Net Depth / Length	361 mm
Product Net Weight	31 kg

Technical

Rated Operational Voltage	Main Circuit 400 ... 690 V AC
Rated Control Circuit Voltage (U_c)	DC Operation 24 V
Rated Frequency (f)	50/60 Hz Main Circuit 50 / 60 Hz
Rated Operational Power - In-Line Connection (P_e)	(400 V) 250 kW (500 V) 315 kW (690 V) 450 kW
Rated Operational Current - In-Line Connection (I_e)	470 A
Rated Operational Power - Inside Delta Connection	at 400 V 450 kW at 500 V 600 kW at 690 V 800 kW
Rated Operational Current - Inside Delta Connection	814 A
Service Factor Percentage	115 %
Overload Protection	Build-in electronic overload protection
Integrated Electronic Overload	Yes
Adjustable Rated Motor Current I_e	30 ... 115 %
Starting Capacity at Maximum Rated Current I_e	3x I_e for 15s
Ramp Time	0 ... 120 second [unit of time] 1 ... 120 second [unit of time]
Initial Voltage During Start	30 ... 70 %
Step Down Voltage Special Ramp	100 ... 30 %
Current Limit Function	1.5 ... 7x I_e
Switch for Inside Delta Connection	Yes
Run Signal Relay	Yes
By-pass Signal Relay	Yes
Fault Signal Relay	Yes
Overload Signal Relay	Yes
Analog Outputs	0...10 volts 0...20 mA 4...20 mA
Signal Indication Ready to Start/Standby ON (LED)	Green
Signal Indication	Yellow

Protection (LED)

Signal Indication Fault (LED)	Red
Number of Starts Per Hour at 3.5*I _e for 7 sec. 50% ON Time 50% OFF Time	10
Communication	FiledBusPlug(Standard)
Degree of Protection	IP00
Terminal Type	Main Circuit: Bars
Connecting Capacity Main Circuit	Hole Diameter 10.5 mm Width and Thickness 25x6 mm
Connecting Capacity Control Circuit	Rigid 1 x 2.5 mm ² Rigid 2 x 1.5 mm ²
Connecting Capacity Supply Circuit	Rigid 1 x 2.5 mm ²
Tightening Torque	Control Circuit 0.5 N·m Main Circuit 35 N·m Supply Circuit 0.5 N·m
Product Main Type	PSTB470

Environmental

Ambient Air Temperature	Operation 0 ... +50 °C Storage -25 ... +70 °C
Degree of Protection	IP00
RoHS Status	No declaration needed

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	1SFA1-76
Environmental Information	1SFC132015D0201
Instructions and Manuals	1SFC132003M0201
RoHS Information	1SFC132035D0201

Container Information

Package Level 1 Width	440 mm
Package Level 1 Depth / Length	550 mm
Package Level 1 Height	440 mm
Package Level 1 Gross Weight	40 kg
Package Level 1 EAN	7320500255834
Package Level 1 Units	1 piece

Classifications

Object Classification Code	Q
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ETIM 7	EC000640 - Soft starter
ETIM 8	EC000640 - Soft starter
ETIM 9	EC000640 - Soft starter
eClass	V11.0 : 27370907
UNSPSC	39121521

Categories

Drives → Softstarters → Softstarters → PST(B) Softstarters → PST105

Low Voltage Products and Systems → Control Products → Softstarters → Softstarters → PST(B) Softstarters → PST105

