



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
Display Name:	PSTB470-690-70

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
Starting Capacity at Maximum Rated Current I_e:	3xI _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 ... 7xI _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 Protection (LED):	Yellow

Signal Indication Fault (LED):	Red
Number of Starts Per Hour at 3.5*Ie for 7 sec. 50% ON Time 50% OFF Time:	10
Communication:	FiledBusPlug(Standard)
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 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
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
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Material Compliance

Conflict Minerals Reporting Template (CMRT):	9AKK108467A5658
RoHS Declaration:	1SFC132035D0201
RoHS Information:	No declaration needed
WEEE B2C / B2B:	Business To Business
WEEE Category:	5. Small Equipment (No External Dimension More Than 50 cm)

Certificates and Declarations

Declaration of Conformity - CE:	1SFA1-76
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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

External Classifications and Standards

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

Categories

Products > Drives > Softstarters > Softstarters > PST(B) Softstarters > PST105

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

