



**Electric Automation**  
Automation specialists

Reference: PSTB720-690-70  
Code: 1SFA895018R7000

PSTB720-690-70 SOFTSTARTER

Buy it at Electric Automation Network



Softstarter PSTB720-690-70 for max 690V main voltage and 110 - 240V 50/60Hz control supply voltage

### Ordering

EAN:	7320500255858
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85371099

### Dimensions

Product Net Width:	436.000 mm
Product Net Height:	515.000 mm
Product Net Depth:	381.000 mm
Product Net Weight:	55 kg

### Container Information

Package Level 1 Width:	500 mm
Package Level 1 Length:	600 mm
Package Level 1 Height:	460 mm
Package Level 1 Gross Weight:	67 kg
Package Level 1 EAN:	7320500255858

Package Level 1 Units:	1 piece
Package Level 2 Units:	1 piece

## Technical

Rated Operational Voltage:	Main Circuit 400 ... 690 V AC
Rated Control Supply Voltage (U <sub>s</sub> ):	100 ... 250 V AC
Rated Control Circuit Voltage (U <sub>c</sub> ):	DC Operation 24 V
Rated Frequency (f):	Main Circuit 50/60 Hz Control Supply 50/60 Hz
Rated Operational Power - In-Line Connection (P <sub>e</sub> ):	at 400 V 400 kW at 500 V 500 kW at 690 V 710 kW
Rated Operational Current - In-Line Connection (I <sub>e</sub> ):	720 A
Rated Operational Power - Inside Delta Connection:	at 400 V 710 kW at 500 V 880 kW at 690 V 1200 kW
Rated Operational Current - Inside Delta Connection:	1247 A
Service Factor Percentage:	115 %
Overload Protection:	Build-in electronic overload protection
Integrated Electronic Overload:	Yes
Adjustable Rated Motor Current I <sub>e</sub> :	30 ... 115 %
Starting Capacity at Maximum Rated Current I <sub>e</sub> :	3xI <sub>e</sub> for 15s
Ramp Time:	During Start 1 ... 30 second(s) During Start 1 ... 120 second(s) During Stop 0 ... 30 second(s) During Stop 0 ... 120 second(s)
Initial Voltage During Start:	30 ... 70 %
Step Down Voltage Special Ramp:	100...30 %
Current Limit Function:	1.5 ... 7xI <sub>e</sub>
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*I <sub>e</sub> 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 12.5 mm Width and Thickness 40x6 mm
Connecting Capacity-Control Circuit:	Rigid 1x2.5 mm <sup>2</sup> Rigid 2x1.5 mm <sup>2</sup>
Connecting Capacity-Supply Circuit:	Rigid 1x2.5 mm <sup>2</sup> Rigid 2x1.5 mm <sup>2</sup>
Tightening Torque:	Main Circuit 45 N·m Supply Circuit 0.5 N·m Control Circuit 0.5 N·m
Product Main Type:	PSTB720

## Certificates and Declarations (Document Number)

Declaration of Conformity - CE:	1SFA1-76
RoHS Information:	1SFC132035D0201

## Environmental

Ambient Air Temperature:	Operation 0 ... +50 °C Storage -25 ... +70 °C
Battery Information:	Button Cell Yes Contains Cd <0.01 % Contains Hg <0.01 % Contains Pb <0.01 % Type Portable Weight 0.0031 kg
RoHS Status:	No declaration needed

## Classifications

E-nummer:	3302186
UNSPSC:	39121521