At the end of this document you will find links to products related to this catalog. You can go directly to our shop by clicking HERE

PSTB570-600-70T

ABB

General Information

Extended Product Type:	PSTB570-600-70T
Product ID:	1SFA894017R7020
EAN:	7320500359372
Catalog Description:	PSTB570-600-70T SOFTSTARTER
Long Description:	Softstarter PSTB570-600-70T for max 600V main voltage and 110 - 240V 50/60Hz control supply voltage with coated PCBA

Categories

Products » Low Voltage Products and Systems » Control Products » Softstarters » Softstarters

Ordering

EAN:	7320500359372
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:	52 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:	64 kg
Package Level 1 EAN:	7320500359372
Package Level 1 Units:	1 piece
Package Level 2 Units:	1 piece

Technical

Rated Operational Voltage:	Main Circuit 208 … 600 V AC
Rated Control Supply Voltage (U_s):	100 ... 250 V AC
Rated Control Circuit Voltage (U_c):	DC Operation 24 V
Rated Frequency (f):	Main Circuit 50/60 Hz Control Supply 50/60 Hz
Rated Operational Power - In-Line Connection (Pe):	at 400 V 315 kW at 500 V 400 kW
Rated Operational Current - In-Line Connection (Ie):	570 A
Rated Operational Power - Inside Delta Connection:	at 400 V 540 kW at 500 V 700 kW
Rated Operational Current - Inside Delta Connection:	987 A
Service Factor Percentage:	115 %
Overload Protection:	Build-in electronic overload protection
Integrated Electronic Overload:	Yes
Adjustable Rated Motor Current Ie:	30 … 115 %
Starting Capacity at Maximum Rated Current Ie:	3xIe 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 … 7xIe
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 12.5 mm Width and Thickness 40x6 mm
Connecting Capacity-Control Circuit:	Rigid 1x2.5 mm² Rigid 2x1.5 mm²
Connecting Capacity-Supply Circuit:	Rigid 1x2.5 mm² Rigid 2x1.5 mm²
Tightening Torque:	Main Circuit 45 N·m Supply Circuit 0.5 N·m Control Circuit 0.5 N·m
Product Main Type:	PSTB570

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

Below is a list of articles with direct links to our shop Electric Automation Network where you can see:

- Quote per purchase volume in real time.
- Online documentation and datasheets of all products.
- Estimated delivery time enquiry in real time.
- Logistics systems for the shipment of materials almost anywhere in the world.
- Purchasing management, order record and tracking of shipments.

To access the product, click on the green button.

Product	Code	Reference	Product link
PSTB570-600-70T SOFTSTARTER	1SFA894017R7020	PSTB570-600-70T	Buy on EAN