PSE170-600-70

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General Information

Extended Product Type:	PSE170-600-70
Product ID:	1SFA897111R7000
EAN:	7320500400692
Catalog Description:	SOFTSTARTER
Long Description:	Softstarter PSE170-600-70 for max 600V main voltage and 100 - 250V 50/60Hz control supply voltage.

Categories

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

Ordering

EAN:	7320500400692
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85371099

Dimensions

Product Net Width:	130.000 mm
Product Net Height:	295.000 mm
Product Net Depth:	219.500 mm
Product Net Weight:	4.2 kg

Container Information

Package Level 1 Width:	200 mm
Package Level 1 Length:	360 mm
Package Level 1 Height:	295 mm
Package Level 1 Gross Weight:	4.7 kg
Package Level 1 EAN:	7320500400692
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 230V 45 kW at 400V 90 kW at 500V 110 kW
Rated Operational Current - In-Line Connection (Ie):	171 A
Service Factor Percentage:	100 %
Overload Protection:	Build-in electronic overload protection
Integrated Electronic Overload:	Yes

Adjustable Rated Motor Current Ie:	30 … 100 %
Starting Capacity at Maximum Rated Current Ie:	4xIe for 10s
Ramp Time:	During Start 1 ... 30 second(s) During Stop 0 ... 30 second(s)
Initial Voltage During Start:	30 … 70 %
Step Down Voltage Special Ramp:	No %
Current Limit Function:	1.5 … 7xIe
Switch for Inside Delta Connection:	No
Run Signal Relay:	Yes
By-pass Signal Relay:	Yes
Fault Signal Relay:	Yes
Overload Signal Relay:	Yes
Analog Outputs:	4…20 mA
Signal indication completed start ramp (LED):	Green
Signal indication ready to start/standby ON (LED):	Green
Signal indication running R (LED):	Green
Signal indication ramping up/down (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(Optional)
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 8.5 mm Width and Thickness 17.5x5 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 18 N·m Supply Circuit 0.5 N·m Control Circuit 0.5 N·m
Product Main Type:	PSE170

Certificates and Declarations (Document Number)

Declaration of Conformity - CE:	2CMT003496
RoHS Information:	1SFC132043D0201

Environmental

Ambient Air Temperature:	Operation -25 … +60 °C Storage -40 … +70 °C
RoHS Status:	Following EU Directive 2002/95/EC August 18, 2005 and amendment

Classifications

E-nummer:	3302120