

## General Information

Extended Product Type:	PSE72-600-70
Product ID:	1SFA897107R7000
EAN:	7320500400654
Catalog Description:	PSE72-600-70 SOFTSTARTER
Long Description:	Softstarter PSE72-600-70 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:	7320500400654
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85371099

## Dimensions

Product Net Width:	90.000 mm
Product Net Height:	245.000 mm
Product Net Depth:	185.500 mm
Product Net Weight:	2.5 kg

## Container Information

Package Level 1 Width:	130 mm
Package Level 1 Length:	295 mm
Package Level 1 Height:	240 mm
Package Level 1 Gross Weight:	2.75 kg
Package Level 1 EAN:	7320500400654
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 ( $P_e$ ):	at 230 V 18.5 kW at 400 V 37 kW at 500 V 45 kW
Rated Operational Current - In-Line Connection ( $I_e$ ):	72 A
Service Factor Percentage:	100 %
Overload Protection:	Build-in electronic overload protection
Integrated Electronic Overload:	Yes
Adjustable Rated Motor Current $I_e$ :	30 ... 100 %
Starting Capacity at Maximum Rated Current $I_e$ :	4x $I_e$ 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 ... 7x $I_e$
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

<b>Signal indication running R (LED):</b>	Green
<b>Signal indication ramping up/down (LED):</b>	Green
<b>Signal indication protection (LED):</b>	Yellow
<b>Signal indication fault (LED):</b>	Red
<b>Number of Starts Per Hour at 3.5*Ie for 7 sec. 50% ON Time 50% OFF Time:</b>	10
<b>Communication:</b>	FiledBusPlug(Optional)
<b>Degree of Protection:</b>	acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP00
<b>Terminal Type:</b>	Screw Terminals
<b>Connecting Capacity-Main Circuit:</b>	Rigid 1/2x2.5 ... 70 mm <sup>2</sup>
<b>Connecting Capacity-Control Circuit:</b>	Rigid 1x2.5 mm <sup>2</sup> Rigid 2x1.5 mm <sup>2</sup>
<b>Connecting Capacity-Supply Circuit:</b>	Rigid 1x2.5 mm <sup>2</sup> Rigid 2x1.5 mm <sup>2</sup>
<b>Tightening Torque:</b>	Main Circuit 9 N·m Supply Circuit 0.5 N·m Control Circuit 0.5 N·m
<b>Product Main Type:</b>	PSE72

### Certificates and Declarations (Document Number)

<b>Declaration of Conformity - CE:</b>	2CMT003496
<b>RoHS Information:</b>	1SFC132043D0201

### Environmental

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

### Classifications

<b>E-nummer:</b>	3302116
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