



## PRODUCT-DETAILS

## PSE370-600-70

### PSE370-600-70 Softstarter - 370 A - 208 ... 600 V AC



#### General Information

<b>Global Commercial Alias:</b>	PSE370-600-70
<b>Extended Product Type:</b>	PSE370-600-70
<b>Product ID:</b>	1SFA897115R7000
<b>ABB Type Designation:</b>	PSE370-600-70
<b>EAN:</b>	7320500400739
<b>Catalog Description:</b>	PSE370-600-70 Softstarter - 370 A - 208 ... 600 V AC
<b>Long Description:</b>	Softstarter PSE370-600-70 for max 600V main voltage and 100 - 250V 50/60Hz control supply voltage.
<b>Display Name:</b>	PSE370-600-70

#### Ordering

<b>Minimum Order Quantity:</b>	1 piece
<b>Customs Tariff Number:</b>	85371091
<b>Replacement Product ID (NEW):</b>	1SFA897115R7001

## Popular Downloads

Data Sheet, Technical Information:	1SFC132005C0201
Instructions and Manuals:	1SFC132427M0201
Instructions and Manuals (Part 2):	1SFC132057M0201
Instructions and Manuals (Part 3):	1SFC132060M0201
EPLAN Data:	9AAC170228_EPLAN

## Dimensions

Product Net Width:	190 mm
Product Net Height:	550 mm
Product Net Depth / Length:	236.5 mm
Product Net Weight:	13.9 kg

## Technical

Rated Operational Voltage:	208 ... 600 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):	50/60 Hz Main Circuit 50 / 60 Hz
Rated Operational Power - In-Line Connection (P <sub>e</sub> ):	(230 V) 110 kW (400 V) 200 kW (500 V) 250 kW
Rated Operational Current - In-Line Connection (I <sub>e</sub> ):	370 A
Service Factor Percentage:	100 %
Overload Protection:	Build-in electronic overload protection
Integrated Electronic Overload:	Yes
Starting Capacity at Maximum Rated Current I <sub>e</sub> :	4xI <sub>e</sub> for 10s
Ramp Time:	0 ... 30 second [unit of time] 1 ... 30 second [unit of time]
Initial Voltage During Start:	30 ... 70 %
Step Down Voltage Special Ramp:	No %
Current Limit Function:	1.5 ... 7xI <sub>e</sub>
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

<b>Signal Indication Completed Start Ramp (LED):</b>	Green
<b>Signal Indication Ready to Start/Standby ON (LED):</b>	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>	Main Circuit: Bars
<b>Connecting Capacity Main Circuit:</b>	Hole Diameter 10.2 mm Width and Thickness 20x5 mm
<b>Connecting Capacity Control Circuit:</b>	Rigid 1 x 2.5 mm <sup>2</sup> Rigid 2 x 1.5 mm <sup>2</sup>
<b>Connecting Capacity Supply Circuit:</b>	Rigid 1 x 2.5
<b>Tightening Torque:</b>	Control Circuit 0.5 N-m Main Circuit 28 N-m Supply Circuit 0.5 N-m
<b>Product Main Type:</b>	PSE370

## Environmental

<b>Ambient Air Temperature:</b>	Operation -25 ... +60 °C Storage -40 ... +70 °C
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## Material Compliance

<b>Conflict Minerals Reporting Template (CMRT):</b>	9AKK108467A5658
<b>RoHS Declaration:</b>	1SFC132043D0201
<b>RoHS Information:</b>	Following EU Directive 2002/95/EC August 18, 2005 and amendment
<b>WEEE B2C / B2B:</b>	Business To Business
<b>WEEE Category:</b>	4. Large Equipment (Any External Dimension More Than 50 cm)

## Certificates and Declarations

<b>Declaration of Conformity - CE:</b>	2CMT003496
<b>DNV Certificate:</b>	1SFC132383M0001   TAE0000342

## Container Information

<b>Package Level 1 Width:</b>	260 mm
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<b>Package Level 1 Depth / Length:</b>	600 mm
<b>Package Level 1 Height:</b>	310 mm
<b>Package Level 1 Gross Weight:</b>	14.7 kg
<b>Package Level 1 EAN:</b>	7320500400739
<b>Package Level 1 Units:</b>	1 piece

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## External Classifications and Standards

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

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## Categories

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Products > Drives > Softstarters > Softstarters > PSE Softstarters > PSE370

Products > Low Voltage Products and Systems > Control Products > Softstarters > Softstarters > PSE Softstarters > PSE370

