

PRODUCT-DETAILS

PSE37-600-70

PSE37-600-70 Softstarter



General Information

| | |
|-------------------------|---|
| Global Commercial Alias | PSE37-600-70 |
| Extended Product Type | PSE37-600-70 |
| Product ID | 1SFA897104R7000 |
| ABB Type Designation | PSE37-600-70 |
| EAN | 7320500400623 |
| Catalog Description | PSE37-600-70 Softstarter |
| Long Description | Softstarter PSE37-600-70 for max 600V main voltage and 100 - 250V 50/60Hz control supply voltage. |

Ordering

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|------------------------|----------|
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85044090 |

Popular Downloads

| | |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SFC132005C0201 |
| Instructions and Manuals | 1SFC132057M0201 |

Dimensions

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|----------------------------|--------|
| Product Net Width | 90 mm |
| Product Net Height | 245 mm |
| Product Net Depth / Length | 184 mm |
| Product Net Weight | 2.5 kg |

Technical

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| Rated Operational Voltage | 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) | 50/60 Hz Main Circuit 50/60 Hz |
| Rated Operational Power - In-Line Connection (P_e) | (230 V) 9 kW (400 V) 18.5 kW (500 V) 22 kW |
| Rated Operational Current - In-Line Connection (I_e) | 37 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 | 4xle 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 ... 7xle |
| 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*I _e for 7 sec. 50% ON Time 50% OFF Time | 10 |
| Communication | FiledBusPlug(Optional) |
| Degree of Protection | IP00 |

| | |
|-------------------------------------|---|
| Terminal Type | Screw Terminals |
| Connecting Capacity Main Circuit | Rigid 1/2 x 2.5 ... 70 mm ² |
| Connecting Capacity Control Circuit | Rigid 1 x 2.5 mm ² Rigid 2 x 1.5 mm ² |
| Connecting Capacity Supply Circuit | Rigid 1 x 2.5 mm ² |
| Tightening Torque | Control Circuit 0.5 N·m Main Circuit 9 N·m Supply Circuit 0.5 N·m |
| Product Main Type | PSE37 |

Environmental

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

Certificates and Declarations (Document Number)

| | |
|---------------------------------|---------------------|
| CQC Certificate | CQC2011010304468093 |
| Declaration of Conformity - CCC | 2020980304001546 |
| Declaration of Conformity - CE | 2CMT003496 |
| Environmental Information | 1SFC132042D0201 |
| Instructions and Manuals | 1SFC132057M0201 |
| RoHS Information | 1SFC132043D0201 |

Container Information

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|--------------------------------|---------------|
| Package Level 1 Width | 178 mm |
| Package Level 1 Depth / Length | 257 mm |
| Package Level 1 Height | 288 mm |
| Package Level 1 Gross Weight | 3.2 kg |
| Package Level 1 EAN | 7320500400623 |
| Package Level 1 Units | box 1 piece |

Classifications

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|----------------------------|---|
| Object Classification Code | Q |
| ETIM 4 | EC002572 - Electronic motor control and protection device |
| ETIM 5 | EC002572 - Electronic motor control and protection device |
| ETIM 6 | EC002572 - Motor management device |
| UNSPSC | 39121521 |

Categories

Drives → Softstarters → Softstarters → PSE Softstarters → PSE37

Low Voltage Products and Systems → Control Products → Softstarters → Softstarters → PSE Softstarters → PSE37

