PSE18-600-70



Products Low Voltage Products and Systems Control Products Softstarters Softstarters

General Information

 Extended Product Type:
 PSE18-600-70

 Product ID:
 1SFA897101R7000

 EAN:
 7320500400593

Catalog Description: PSE18-600-70 SOFTSTARTER

Long Description: Softstarter PSE18-600-70 for max 600V main voltage and 100 - 250V 50/60Hz control supp

ly voltage.

Interactive Guides

Category Related Guides:

ABB improves mining industry efficiency - Softstarter PSTX

Additional Information

| Ambient Air Temperature: Operation - 25 + 60 °C Storage - 40 + 70 °C Storage - 40 + 70 °C Storage - 40 + 70 °C Analog Outputs: 4 20 mA By-pass Signal Relay: Yes Communication: FiledBusPlug(Optional) Connecting Capacity Control Circuit: Rigid 1/2.2.5 mm² Rigid 2x1.5 mm² Rigid 2x1 | Adjustable Rated Motor Current le: | 30 100 % |
|--|--------------------------------------|--|
| Aralog Outputs: 420 mA By-pass Signal Relay: Yes Communication: FiledBusPlug(Optional) Connecting Capacity Control Circuit: Rigid 1x2.5 mm² Rigid 2x1.5 mm² Connecting Capacity Main Circuit: Rigid 1x2.5 70 mm² Connecting Capacity Supply Circuit: Rigid 1x2.5 mm² Rigid 2x1.5 m | Ambient Air Temperature: | · |
| By-pass Signal Relay: Yes Communication: FiledBusPlug(Optional) Connecting Capacity Control Circuit: Rigid 1x2.5 mm² Rigid 2x1.5 mm² Conventional Free-air Thermal Current Signal Relays 3 A (In): Country of Origin: Sweden (SE) Current Limit Function: 1.5 7xle Current Limit Function: 1.5 7xle Current Limit Function: 1.5 7xle Current Range: 5.4 18 A Customs Tariff Number: 85371099 Data Sheet, Technical Information: 1SFC132005C0201 Declaration of Conformity- CE: 2CMT003496 Degree of Protection: acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IPO0 Enummer: 3302017 EAN: 7320500400593 EPILAN Catalog Tree: Electrical engineering / Converters / General ETIM 4: EC002572 - Electronic motor control and protection device ETIM 5: EC002572 - Electronic motor control and protection device ETIM 5: EC002572 - Electronic motor control and protection device Environmental Information: 1SFC132042D0201 Fautt Signal Relay: Yes Industrial IT Certification Level: 0 Initial Voltage During Start: 30 70 % Institutions and Manuals: 1SFC132057M0201 Integrated Electronic Overload: Yes Invoice Description: SOFTSTARTER#PSE18-600-70 Minimum Order Quantity: 1 piece Number of Starts Per Hour at 3.5°le for 7 sec. 50%ON Time 50%OFF Time: | | • |
| Communication: FiledBusPlug(Optional) Connecting Capacity Control Circuit: Rigid 1x2.5 mm² Rigid 2x1.5 mm² Connecting Capacity Main Circuit: Rigid 1x2.5 mm² Rigid 2x1.5 mm² Connecting Capacity Supply Circuit: Rigid 1x2.5 mm² Rigid 2x1.5 mm² Connecting Capacity Supply Circuit: Rigid 1x2.5 mm² Rigid 2x1.5 mm² Connecting Capacity Supply Circuit: Rigid 1x2.5 mm² Rigid 2x1.5 mm² Connecting Capacity Supply Circuit: Signal Relays 3 A Control Control Free-air Thermal Current Signal Relays 3 A Country of Origin: Sweden (SE) Current Limit Function: 1.5 7xle Current Range: 5.4 18 A Customs Tariff Number: 85371099 Data Sheet, Technical Information: 1SFC132005C0201 Declaration of Conformity - CE Degree of Protection: acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IPO0 E-nummer: 3302017 EAN: 7320500400593 E-pLAN Catalog Tree: Electrical engineering / Converters / General ETIM 4: EC002572 - Electronic motor control and protection device ETIM 5: EC002572 - Electronic motor control and protection device ETIM 5: EC002572 - Electronic motor control and protection device ETIM 5: EC002572 - Electronic motor control and protection device Environmental Information: 1SFC132042D0201 Fault Signal Relay: Yes Industrial IT Certification Level: 0 Initial Voltage During Start: 30 70 % Intercutors and Manuals: 1SFC132057M0201 Intercrated Bectronic Overload: Yes Minimum Order Quarity: 1 piece Number of Starts Per Hour at 3.5'le for 7 sec. 50%ON Time 50%OFF Time: | Analog Outputs: | 420 mA |
| Connecting Capacity Control Circuit: Rigid 1x2.5 mm² Rigid 2x1.5 mm² Rigid 2x1 | By-pass Signal Relay: | Yes |
| Rigid 2x1.5 mm² Connecting Capacity Main Circuit: Rigid 1/2x2.5 70 mm² Connecting Capacity Supply Circuit: Rigid 1/2x2.5 70 mm² Conventional Free-air Thermal Current (t _{th}): Conventional Free-air Thermal Current (t _{th}): Country of Origin: Sweden (SE) Current Limit Function: 1.5 7xle Current Limit Function: 1.5 7xle Current Range: 5.4 18 A Customs Tariff Number: 85371099 Data Sheet, Technical Information: 1SFC132005C0201 Declaration of Conformity - CE 2CMT003496 Degree of Protection: acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP00 E-nummer: 3302017 E-NA: 7320500400593 EPLAN Catalog Tree: Electrical engineering / Converters / General ETIM 4: EC002572 - Electronic motor control and protection device ETIM 5: EC002572 - Electronic motor control and protection device ETIM 5: EC002572 - Electronic motor control and protection device Environmental Information: 1SFC132042D0201 Fault Signal Relay: Yes Industrial IT Certification Level: 0 Initial Voltage During Start: 30 70 % Instructions and Manuals: 1SFC132057M0201 Integrated Electronic Overload: Yes Invoice Description: SOFTSTARTER#PSE18-600-70 Minimum Order Quantity: 1 piece Number of Starts Per Hour at 3.5*le for 7 sec. 50%ON Time 50% OFF Time: | Communication: | FiledBusPlug(Optional) |
| Connecting Capacity Supply Circuit: Rigid 1x2.5 mm² Rigid 2x1.5 mm² Conventional Free-air Thermal Current Signal Relays 3 A Country of Origin: Sweden (SE) Current Limit Function: 1.5 7xle Current Range: 5.4 18 A Customs Tarriff Number: 85371099 Data Sheet, Technical Information: 1SFC132005C0201 Declaration of Conformity - CE 2CMT003496 Declaration of Conformity - CE 2CMT003496 Declaration of Protection: acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IPO0 Enummer: 3302017 Eah: 7320500400593 EPLAN Catalog Tree: Electrical engineering / Converters / General ETIM 4: EC002572 - Electronic motor control and protection device ETIM 5: EC002572 - Electronic motor control and protection device ETIM 1: Signal Relay: Yes Industrial IT Certification Level: 0 Initial Voltage During Start: 30 70 % Instructions and Manuals: 1SFC132057M0201 Integrated Electronic Overload: Yes Invoice Description: SOFTSARTER#PSE18-600-70 Minimum Order Quantity: 1 piece Number of Starts Per Hour at 3.5*le for 7 sec. 50%ONTime 50%OFFTime: | Connecting Capacity Control Circuit: | • |
| Rigid 2x1.5 mm² Conventional Free-air Thermal Current (Ith): Signal Relays 3 A Signal Relays 3 A Courtery of Origin: Sweden (SE) Current Limit Function: 1.5 7xle Current Range: 5.4 18 A Customs Tarriff Number: 85371099 Data Sheet, Technical Information: 1SFC132005C0201 Declaration of Conformity - CE 2CMT003496 Degree of Protection: acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP00 E-nummer: 3302017 EAN: 7320500400593 EPLAN Catalog Tree: Electrical engineering / Converters / General ETIM 4: EC002572 - Electronic motor control and protection device ETIM 5: EC002572 - Electronic motor control and protection device ETIM 5: EC002572 - Electronic motor control and protection device ETIM 5: First Signal Relay: Yes Industrial IT Certification Level: 0 Initial Voltage During Start: 30 70 % Instructions and Manuals: 1SFC132057M0201 Integrated Electronic Overload: Yes Invoice Description: SOFTSTARTER#PSE18-600-70 Minimum Order Quantity: 1 piece Number of Starts Per Hour at 3.5*le for 7 sec. 50%ON Time 50%OFF Time: | Connecting Capacity Main Circuit: | Rigid 1/2x2.5 70 mm ² |
| Country of Origin: Sweden (SE) Current Limit Function: 1.5 7xle Current Range: 5.4 18 A Customs Tariff Number: 85371099 Data Sheet, Technical Information: 1SFC132005C0201 Declaration of Conformity - CE 2CMT003496 Degree of Protection: acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP00 E-nummer: 3302017 EAN: 7320500400593 EPLAN Catalog Tree: Electrical engineering / Converters / General ETIM 4: EC002572 - Electronic motor control and protection device ETIM 5: EC002572 - Electronic motor control and protection device Environmental Information: 1SFC132042D0201 Fault Signal Relay: Yes Industrial IT Certification Level: 0 Initial Voltage During Start: 30 70 % Instructions and Manuals: 1SFC132057M0201 Integrated Electronic Overload: Yes Invoice Description: SOFTSTARTER#PSE18-600-70 Minimum Order Quantity: 1 piece Number of Starts Per Hour at 3.5*le for 7 sec. 50%ON Time 50%OFF Time: | Connecting Capacity Supply Circuit: | • • • • • • • • • • • • • • • • • • • |
| Current Limit Function: 1.5 7xle Current Range: 5.4 18 A Customs Tariff Number: 85371099 Data Sheet, Technical Information: 1SFC132005C0201 Declaration of Conformity - CE: 2CMT003496 Degree of Protection: acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP00 E-nummer: 3302017 EAN: 7320500400593 EPLAN Catalog Tree: Electrical engineering / Converters / General EFIM 4: EC002572 - Electronic motor control and protection device ETIM 5: EC002572 - Electronic motor control and protection device Environmental Information: 1SFC132042D0201 Fault Signal Relay: Yes Industrial IT Certification Level: 0 Initial Voltage During Start: 30 70 % Instructions and Manuals: 1SFC132057M0201 Integrated Electronic Overload: Yes Invoice Description: SOFTSTARTER#PSE18-600-70 Minimum Order Quantity: 1 piece Number of Starts Per Hour at 3.5*le for 7 sec. 50%ON Time 50%OFF Time: 10 | | Signal Relays 3 A |
| Current Range: 5.4 18 A Customs Tariff Number: 85371099 Data Sheet, Technical Information: 1SFC132005C0201 Declaration of Conformity - CE: 2CMT003496 Degree of Protection: acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP00 Enummer: 3302017 EAN: 7320500400593 EPLAN Catalog Tree: Electrical engineering / Converters / General ETIM 4: EC002572 - Electronic motor control and protection device ETIM 5: EC002572 - Electronic motor control and protection device Environmental Information: 1SFC132042D0201 Fault Signal Relay: Yes Industrial IT Certification Level: 0 Initial Voltage During Start: 30 70 % Instructions and Manuals: 1SFC132057M0201 Integrated Electronic Overload: Yes Invoice Description: SOFTSTARTER#PSE18-600-70 Minimum Order Quantity: 1 piece Number of Starts Per Hour at 3.5*le for 7 sec. 50%ON Time 50%OFF Time: | Country of Origin: | Sweden (SE) |
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| Fault Signal Relay: Industrial IT Certification Level: Initial Voltage During Start: Instructions and Manuals: Instructions and Manuals: Integrated Electronic Overload: Invoice Description: SOFTSTARTER#PSE18-600-70 Minimum Order Quantity: I piece Number of Starts Per Hour at 3.5*le for 7 sec. 50% ON Time 50% OFF Time: | ETIM 5: | EC002572 - Electronic motor control and protection device |
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| Instructions and Manuals: 1SFC132057M0201 Integrated Electronic Overload: Yes Invoice Description: SOFTSTARTER#PSE18-600-70 Minimum Order Quantity: 1 piece Number of Starts Per Hour at 3.5*le for 7 sec. 50%ON Time 50%OFF Time: | Industrial IT Certification Level: | 0 |
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| Minimum Order Quantity: 1 piece Number of Starts Per Hour at 3.5*le for 7 10 sec. 50% ON Time 50% OFF Time: | Integrated Electronic Overload: | Yes |
| Number of Starts Per Hour at 3.5*le for 7 10 sec. 50%ON Time 50%OFF Time: | Invoice Description: | SOFTSTARTER#PSE18-600-70 |
| sec. 50%ON Time 50%OFF Time: | Minimum Order Quantity: | 1 piece |
| Ohiert Classification Code: | | 10 |
| | Ohiect Classification Code: | n |

| Object Gassinoation Code. | · · |
|---|---|
| Overload Protection: | Build-in electronic overload protection |
| Overload Signal Relay: | Yes |
| Package Level 1 EAN: | 7320500400593 |
| Package Level 1 Gross Weight: | 2.65 kg |
| Package Level 1 Height: | 240 mm |
| Package Level 1 Length: | 295 mm |
| Package Level 1 Units: | 1 piece |
| Package Level 1 Width: | 130 mm |
| Package Level 2 Units: | 1 piece |
| Power Consumption: | 16 V·A |
| Power Loss: | 0.2 W |
| Product Main Type: | PSE18 |
| Product Name: | SOFTSTARTER |
| Product Net Depth: | 185.500 mm |
| Product Net Height: | 245.000 mm |
| Product Net Weight: | 2.4 kg |
| Product Net Width: | 90.000 mm |
| Ramp Time: | During Start 1 30 second [unit of time] During Stop 0 30 second [unit of time] |
| Rated Control Circuit Voltage (U _c): | DC Operation 24 V |
| Rated Control Supply Voltage (U _s): | 100 250 V AC |
| Rated Frequency (f): | Main Circuit 50/60 Hz Control Supply 50/60 Hz |
| Rated Operational Current - In-Line Connection (le): | 18 A |
| Rated Operational Current AC-15 (I _e): | (250 V) 1.5 A |
| Rated Operational Power - In-Line Connection (Pe): | (230 V) 4 kW (400 V) 7.5 kW (500 V) 11 kW |
| Rated Operational Voltage: | Main Circuit 208 600 V AC |
| RoHS Date: | 1042 1 |
| RoHS Information: | 1SFC132043D0201 |
| RoHS Status: | Following EU Directive 2002/95/EC August 18, 2005 and amendment |
| Run Signal Relay: | Yes |
| Selling Unit of Measure: | piece |
| Service Factor Percentage: | 100 % |
| Short Description: | SOFTSTARTER#PSE18-600-70 |
| Signal indication completed start ramp (LED): | Green |
| Signal indication fault (LED): | Red |
| Signal indication protection (LED): | Yellow |
| Signal indication ramping up/down (LED): | Green |
| Signal indication ready to start/standby ON (LED): | Green |
| Signal indication running R (LED): | Green |
| Starting Capacity at Maximum Rated | 4xle for 10s |
| Current le: | |
| Step Down Voltage Special Ramp: | No % |
| Switch for Inside Delta Connection: | No |
| Switch for Kick Start (Kick): | Yes |

| Terminal Type: | Screw Terminals |
|--------------------|-------------------------|
| Tightening Torque: | Main Circuit 9 N⋅m |
| | Supply Circuit 0.5 N·m |
| | Control Circuit 0.5 N·m |
| Trip Class: | 10 |
| | 10A |
| | 20 |
| | 30 |

Type of Start:

Normal

