

General information

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|---------------------------------|---|
| Global Commercial Alias: | PSTX142-600-70 |
| Extended Product Type: | PSTX142-600-70 |
| Product ID: | 1SFA898110R7000 |
| ABB Type Designation: | PSTX142-600-70 |
| EAN: | 7320500501467 |
| Catalog Description: | PSTX142-600-70 Softstarter |
| Long Description: | Softstarter PSTX142-600-70 for max 600V main voltage and 100 - 250V 50/60Hz control supply voltage. |

Category

Produkter » Lavspenningsprodukter » Startapparater » Mykstartere » Mykstartere

Interactive Guide

Kategorirelaterede guider: [ABB improves mining industry efficiency - Softstarter PSTX](#)

Ordering

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|--------------------------------|----------|
| Minimum Order Quantity: | 1 piece |
| Customs Tariff Number: | 85369095 |

Popular Downloads

Data Sheet, Technical Information: 1SFC132012C0201

Dimensions

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|----------------------------|------------|
| Product Net Width: | 199.000 mm |
| Product Net Height: | 377.000 mm |
| Product Net Depth: | 235.000 mm |
| Product Net Weight: | 9.60 kg |

Technical

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|---|---|
| Rated Operational Voltage: | Main Circuit 208 ... 600 V AC |
| Rated Control Supply Voltage (Us): | 100 ... 250 V |
| Rated Control Circuit Voltage (Uc): | DC Operation 24 V |
| Rated Frequency (f): | Main Circuit 50/60 Hz |
| Rated Operational Power - In-Line (400 V) | 75 kW |
| Connection (Pe): | |
| Rated Operational Current - In-Line | 142 A |
| Connection (Ie): | |
| Rated Operational Power - Inside | at 400 V 132 kW |
| Delta Connection: | |
| Rated Operational Current - Inside | 245 A |
| Delta Connection: | |
| 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 | 4xIe for 10s |
| Rated Current Ie: | |
| Ramp Time: | 1 ... 120 second [unit of time] |
| Initial Voltage During Start: | 10 ... 99 % |
| Step Down Voltage Special Ramp: | 100 ... 10 % |
| Current Limit Function: | 1.5 ... 7.5 xIe |
| Switch for Inside Delta Connection: | Yes |
| Run Signal Relay: | Yes |
| By-pass Signal Relay: | Yes |
| Fault Signal Relay: | Yes |
| Overload Signal Relay: | Yes |
| Analog Outputs: | 0...10 V, 0...20 mA, 4...20 mA |
| Signal indication ready to start/standby ON (LED): | Green |
| Signal indication running R (LED): | Green |
| Signal indication protection (LED): | Yellow |

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|---|---|
| Signal indication fault (LED): | Red |
| Communication: | Built in Modbus interface, Anybus, FieldBusPlug (with adapter). |
| Terminal Type: | Main Circuit: Bars |
| Connecting Capacity Main Circuit: | Hole Diameter 8.5 mm |
| Connecting Capacity Control Circuit: | Rigid 1x2.5 mm \times 178; |
| Connecting Capacity Supply Circuit: | Rigid 1x2.5 mm \times 178; |
| Tightening Torque: | Main Circuit 14 N \times m |
| Product Main Type: | PSTX142 |

Environmental

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

Certificates and Declarations (Document Number)

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|--|-----------------|
| Declaration of Conformity - CE: | 2CMT005209 |
| Environmental Information: | 2CMT005232 |
| Instructions and Manuals: | 1SFC132081M0201 |
| RoHS Information: | 2CMT005210 |

Container Information

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|--------------------------------------|---------------|
| Package Level 1 Width: | 280 mm |
| Package Level 1 Length: | 455 mm |
| Package Level 1 Height: | 315 mm |
| Package Level 1 Gross Weight: | 10.40 kg |
| Package Level 1 EAN: | 7320500501467 |
| Package Level 1 Units: | 1 piece |

Classifications

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|------------------------------------|---|
| Object Classification Code: | Q |
| E-number: | 3302041 |
| ETIM 4: | EC002572 - Electronic motor control and protection device |
| ETIM 5: | EC002572 - Electronic motor control and protection device |

