

PRODUCT-DETAILS

# PSTX1250-600-70

## PSTX1250-600-70 Softstarter



### Información General

|                            |                                                                                                      |
|----------------------------|------------------------------------------------------------------------------------------------------|
| Global Commercial Alias    | PSTX1250-600-70                                                                                      |
| Tipo de producto extendido | PSTX1250-600-70                                                                                      |
| Código de producto         | 1SFA898121R7000                                                                                      |
| ABB Type Designation       | PSTX1250-600-70                                                                                      |
| EAN                        | 7320500510469                                                                                        |
| Descripción corta          | PSTX1250-600-70 Softstarter                                                                          |
| Descripción larga          | Softstarter PSTX1250-600-70 for max 600V main voltage and 100 - 250V 50/60Hz control supply voltage. |

### Clasificación

|                           |          |
|---------------------------|----------|
| Cantidad mínima de pedido | 1 piece  |
| Código arancelario        | 85044090 |

### Descargas Populares

|                                    |                 |
|------------------------------------|-----------------|
| Ficha técnica, información técnica | 1SFC132012C0201 |
| Instrucciones y manuales           | 1SFC132081M0201 |

### Dimensiones

|                   |         |
|-------------------|---------|
| Ancho del product | 435 mm  |
| Alto del producto | 565 mm  |
| Largo del product | 367 mm  |
| Peso del product  | 63.3 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<br>Main Circuit 50 / 60 Hz                             |
| Rated Operational Power - In-Line Connection (Pe)   | (230 V) 400 kW<br>(400 V) 710 kW<br>(500 V) 880 kW              |
| Rated Operational Current - In-Line Connection (Ie) | 1250 A                                                          |
| Rated Operational Power - Inside Delta Connection   | at 230 V 670 kW<br>at 400 V 1200 kW<br>at 500 V 1500 kW         |
| Rated Operational Current - Inside Delta Connection | 2160 A                                                          |
| Service Factor Percentage                           | 100 %                                                           |
| Overload Protection                                 | Built-in electronic overload protection                         |
| Integrated Electronic Overload                      | Yes                                                             |
| Adjustable Rated Motor Current Ie                   | 30 ... 100 %                                                    |
| Starting Capacity at Maximum Rated Current Ie       | 4xIe for 10s                                                    |
| 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                                                          |
| Signal indication fault (LED)                       | Red                                                             |
| Communication                                       | Built in Modbus interface, Anybus, FieldBusPlug (with adapter). |
| Grado de protección                                 | IP00                                                            |
| Terminal Type                                       | Main Circuit: Bars                                              |
| Connecting Capacity Control Circuit                 | Rigid 1 x 2.5 mm <sup>2</sup>                                   |
| Connecting Capacity                                 | Rigid 1 x 2.5 mm <sup>2</sup>                                   |

## Supply Circuit

|                   |                     |
|-------------------|---------------------|
| Tightening Torque | Main Circuit 45 N·m |
| Product Main Type | PSTX1250            |

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**Technical UL/CSA**

|                                  |                    |
|----------------------------------|--------------------|
| Maximum Operating Voltage UL/CSA | Main Circuit 600 V |
| Ampere Rating UL/CSA             | 1250 A             |
| Tightening Torque UL/CSA         | Main Circuit 398.3 |

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**Ambiente**

|                      |                                                                 |
|----------------------|-----------------------------------------------------------------|
| Temperatura ambiente | Funcionamiento -25 ... +60 °C<br>Almacenamiento -40 ... +70 °C  |
| RoHS Status          | Following EU Directive 2002/95/EC August 18, 2005 and amendment |

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**Certificados y Declaraciones (Número de Documento)**

|                                 |                                                   |
|---------------------------------|---------------------------------------------------|
| CQC Certificate                 | CN: CQC2015010304830298 / SE: CQC2015010304830294 |
| Declaration of Conformity - CCC | CN: 2020980304001097 / SE: 2020980304001508       |
| Declaración de conformidad - CE | 2CMT005209                                        |
| Environmental Information       | 2CMT005232                                        |
| Instrucciones y manuales        | 1SFC132081M0201                                   |
| RoHS Information                | 2CMT005210                                        |

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**Información de Embalaje**

|                           |               |
|---------------------------|---------------|
| Embalaje Nivel 1 Ancho    | 600 mm        |
| Embalaje Nivel 1 Largo    | 616 mm        |
| Embalaje Nivel 1 Alto     | 800 mm        |
| Embalaje Nivel 1 Peso     | 75.3 kg       |
| Embalaje Nivel 1 EAN      | 7320500510469 |
| Embalaje Nivel 1 Unidades | box 1 piece   |

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**Clasificaciones**

|                            |                                                           |
|----------------------------|-----------------------------------------------------------|
| 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                                                  |

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## Categorías

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Convertidores de frecuencia → Softstarters → Arranadores suaves → PSTX Softstarters → PSTX1250

Productos y sistemas de baja tensión → Aparatos de control → Softstarters → Arranadores suaves → PSTX Softstarters → PSTX1250

