

## PRODUCT-DETAILS

# PSR60-600-70

## PSR60-600-70 Softstarter



### Información General

|                         |                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------|
| Global Commercial Alias | PSR60-600-70                                                                                   |
| Extended Product Type   | PSR60-600-70                                                                                   |
| Product ID              | 1SFA896112R7000                                                                                |
| ABB Type Designation    | PSR60-600-70                                                                                   |
| EAN                     | 7320500362594                                                                                  |
| Catalog Description     | PSR60-600-70 Softstarter                                                                       |
| Long Description        | Softstarter PSR60-600-70 for max 600V main voltage and 100-240V 50/60Hz control supply voltage |

### Clasificación

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

### Descargas Populares

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SFC132005C0201 |
| Instructions and Manuals          | 1SFC132033M0001 |

## Dimensiones

|                            |            |
|----------------------------|------------|
| Product Net Width          | 70.000 mm  |
| Product Net Height         | 220.000 mm |
| Product Net Depth / Length | 180.000 mm |
| Product Net Weight         | 2.2 kg     |

## Technical

|                                                          |                                                                                           |
|----------------------------------------------------------|-------------------------------------------------------------------------------------------|
| Rated Operational Voltage                                | 208 ... 600 V AC                                                                          |
| Rated Control Supply Voltage ( $U_s$ )                   | 100 ... 240 V AC                                                                          |
| Rated Control Circuit Voltage ( $U_c$ )                  | 50 Hz / 60 Hz 100 ... 240 V AC                                                            |
| Rated Frequency (f)                                      | Main Circuit 50/60 Hz<br>Control Supply 50/60 Hz                                          |
| Rated Operational Power - In-Line Connection ( $P_e$ )   | (230 V) 15 kW<br>(400 V) 30 kW<br>(500 V) 37 kW                                           |
| Rated Operational Current - In-Line Connection ( $I_e$ ) | 60 A                                                                                      |
| Service Factor Percentage                                | 100 %                                                                                     |
| Overload Protection                                      | Recommended MS495 45 ... 63                                                               |
| Integrated Electronic Overload                           | No                                                                                        |
| Adjustable Rated Motor Current $I_e$                     | No %                                                                                      |
| Starting Capacity at Maximum Rated Current $I_e$         | 4xle for 6s                                                                               |
| Ramp Time                                                | During Start 1 ... 10 second [unit of time]<br>During Stop 0 ... 20 second [unit of time] |
| Initial Voltage During Start                             | 40 ... 70 %                                                                               |
| Step Down Voltage Special Ramp                           | 100 ... 60 %                                                                              |
| Current Limit Function                                   | No                                                                                        |
| Switch for Inside Delta Connection                       | No                                                                                        |
| Run Signal Relay                                         | Yes                                                                                       |
| By-pass Signal Relay                                     | Yes                                                                                       |
| Fault Signal Relay                                       | No                                                                                        |
| Overload Signal Relay                                    | No                                                                                        |
| 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                                                                                     |
| Number of Starts Per                                     | 10                                                                                        |

Hour at 3.5\*Ie for 7 sec.  
50% ON Time 50% OFF  
Time

|                                     |                                                                         |
|-------------------------------------|-------------------------------------------------------------------------|
| Communication                       | FiledBusPlug(Optional)                                                  |
| Degree of Protection                | acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP10            |
| Terminal Type                       | Main Circuit: Bars                                                      |
| Connecting Capacity Main Circuit    | Rigid 1x10 ... 95 mm²<br>Rigid 2x6 ... 35 mm²                           |
| Connecting Capacity Control Circuit | Rigid 1 x 0.75 ... 2.5 mm²<br>Rigid 2 x 0.75 ... 1.5 mm²                |
| Connecting Capacity Supply Circuit  | Rigid 1x0.75 ... 2.5 mm²<br>Rigid 2x0.75 ... 1.5 mm²                    |
| Tightening Torque                   | Main Circuit 8 N·m<br>Supply Circuit 0.6 N·m<br>Control Circuit 0.6 N·m |
| Product Main Type                   | PSR60                                                                   |

## Ambiente

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

## Certificados y Declaraciones (Número de Documento)

|                                   |                 |
|-----------------------------------|-----------------|
| Declaration of Conformity<br>- CE | 1SFA1-95        |
| Environmental Information         | 1SFC132038D0201 |
| Instructions and Manuals          | 1SFC132033M0001 |
| RoHS Information                  | 1SFC132031D0202 |

## Información de Embalaje

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Width          | 86 mm         |
| Package Level 1 Depth / Length | 230 mm        |
| Package Level 1 Height         | 195 mm        |
| Package Level 1 Gross Weight   | 2.4 kg        |
| Package Level 1 EAN            | 7320500362594 |
| Package Level 1 Units          | 1 piece       |
| Package Level 2 Units          | 1 piece       |

## 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 → Arrancadores suaves → PSR Softstarters → PSR60

