

## PRODUCT-DETAILS

# PSR37-600-11

## PSR37-600-11 Softstarter



### General Information

|                         |                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------|
| Global Commercial Alias | PSR37-600-11                                                                            |
| Extended Product Type   | PSR37-600-11                                                                            |
| Product ID              | 1SFA896110R1100                                                                         |
| ABB Type Designation    | PSR37-600-11                                                                            |
| EAN                     | 7320500477212                                                                           |
| Catalog Description     | PSR37-600-11 Softstarter                                                                |
| Long Description        | Softstarter PSR37-600-11 for max 600V main voltage and 24V AC/DC control supply voltage |

### Ordering

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

### Popular Downloads

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SFC132005C0201 |
| Instructions and Manuals          | 1SFC132078M9901 |

### Dimensions

|                            |        |
|----------------------------|--------|
| Product Net Width          | 153 mm |
| Product Net Height         | 187 mm |
| Product Net Depth / Length | 54 mm  |
| Product Net Weight         | 1 kg   |

## Technical

|                                                                                     |                                                                         |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| Rated Operational Voltage                                                           | 208 ... 600 V AC                                                        |
| Rated Control Supply Voltage (U <sub>s</sub> )                                      | 24 V AC/DC                                                              |
| 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 (P <sub>e</sub> )                      | (230 V) 7.5 kW<br>(400 V) 18.5 kW<br>(500 V) 22 kW                      |
| Rated Operational Current - In-Line Connection (I <sub>e</sub> )                    | 37 A                                                                    |
| Service Factor Percentage                                                           | 100 %                                                                   |
| Overload Protection                                                                 | Recommended MS450 28 ... 40                                             |
| Integrated Electronic Overload                                                      | No                                                                      |
| Starting Capacity at Maximum Rated Current I <sub>e</sub>                           | 4xI <sub>e</sub> for 6s                                                 |
| Ramp Time                                                                           | 0 ... 20 second [unit of time]<br>1 ... 10 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 Hour at 3.5*I <sub>e</sub> for 7 sec. 50% ON Time 50% OFF Time | 10                                                                      |
| Communication                                                                       | FiledBusPlug(Optional)                                                  |
| Degree of Protection                                                                | IP10                                                                    |
| Terminal Type                                                                       | Screw Terminals                                                         |
| Connecting Capacity Main Circuit                                                    | Rigid 1x 6 ... 35 mm <sup>2</sup><br>Rigid 2 x 6 ... 16 mm <sup>2</sup> |
| Connecting Capacity                                                                 | 1 x 0.75 ... 2.5                                                        |

|                     |                                                                         |
|---------------------|-------------------------------------------------------------------------|
| Control Circuit     | 2 x 0.75 ... 2.5 mm <sup>2</sup>                                        |
| Connecting Capacity | Rigid 1 x 0.75 ... 2.5 mm <sup>2</sup>                                  |
| Supply Circuit      |                                                                         |
| Tightening Torque   | Control Circuit 0.6 N·m<br>Main Circuit 4 N·m<br>Supply Circuit 0.6 N·m |
| Product Main Type   | PSR37                                                                   |

## Environmental

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

## Certificates and Declarations (Document Number)

|                                    |                     |
|------------------------------------|---------------------|
| CQC Certificate                    | CQC2006010304208083 |
| Declaration of<br>Conformity - CCC | 2020980304001089    |
| Declaration of<br>Conformity - CE  | 2CMT004861          |
| Environmental<br>Information       | 1SFC132038D0201     |
| Instructions and<br>Manuals        | 1SFC132078M9901     |
| RoHS Information                   | 1SFC132031D0202     |

## Container Information

|                                   |               |
|-----------------------------------|---------------|
| Package Level 1 Width             | 163 mm        |
| Package Level 1 Depth /<br>Length | 56 mm         |
| Package Level 1 Height            | 217 mm        |
| Package Level 1 Gross<br>Weight   | 1.1 kg        |
| Package Level 1 EAN               | 7320500477212 |
| Package Level 1 Units             | box 1 piece   |

## Classifications

|                               |                                                           |
|-------------------------------|-----------------------------------------------------------|
| Object Classification<br>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 → PSR Softstarters → PSR37

Low Voltage Products and Systems → Control Products → Softstarters → Softstarters → PSR Softstarters → PSR37

