

## PRODUCT-DETAILS

# PSE210-600-70-1

## PSE210-600-70-1 Softstarter



### General Information

|                         |                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------|
| Global Commercial Alias | PSE210-600-70-1                                                                                      |
| Extended Product Type   | PSE210-600-70-1                                                                                      |
| Product ID              | 1SFA897112R7001                                                                                      |
| ABB Type Designation    | PSE210-600-70-1                                                                                      |
| EAN                     | 7320500515020                                                                                        |
| Catalog Description     | PSE210-600-70-1 Softstarter                                                                          |
| Long Description        | Softstarter PSE210-600-70-1 for max 600V main voltage and 100 - 250V 50/60Hz control supply voltage. |

### Ordering

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

### Popular Downloads

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SFC132012C0201 |
| Instructions and Manuals          | 1SFC132057M0201 |

## Dimensions

|                            |        |
|----------------------------|--------|
| Product Net Width          | 190 mm |
| Product Net Height         | 435 mm |
| Product Net Depth / Length | 237 mm |
| Product Net Weight         | 8.5 kg |

## Technical

|                                                                     |                                                                  |
|---------------------------------------------------------------------|------------------------------------------------------------------|
| Rated Operational Voltage                                           | 208 ... 600 V AC                                                 |
| Rated Control Supply Voltage (U <sub>s</sub> )                      | 100 ... 250 V AC                                                 |
| Rated Frequency (f)                                                 | 50/60 Hz<br>Main Circuit 50 / 60 Hz                              |
| Rated Operational Power<br>- In-Line Connection (P <sub>e</sub> )   | (230 V) 59 kW<br>(400 V) 110 kW<br>(500 V) 132 kW                |
| Rated Operational Current<br>- In-Line Connection (I <sub>e</sub> ) | 210 A                                                            |
| Service Factor Percentage                                           | 100 %                                                            |
| Overload Protection                                                 | Built-in electronic overload protection                          |
| Adjustable Rated Motor Current I <sub>e</sub>                       | 30 ... 100 %                                                     |
| Starting Capacity at Maximum Rated Current I <sub>e</sub>           | 4xI <sub>e</sub> for 10s                                         |
| Ramp Time                                                           | 1 ... 30 second [unit of time]<br>0 ... 30 second [unit of time] |
| Initial Voltage During Start                                        | 30 ... 100 %                                                     |
| Current Limit Function                                              | 1.5 ... 7xI <sub>e</sub>                                         |
| Run Signal Relay                                                    | Yes                                                              |
| By-pass Signal Relay                                                | Yes                                                              |
| Fault Signal Relay                                                  | Yes                                                              |
| Overload Signal Relay                                               | Yes                                                              |
| Analog Outputs                                                      | 4...20 mA                                                        |
| Communication                                                       | FiledBusPlug(Optional)                                           |
| Degree of Protection                                                | IP00                                                             |
| Product Main Type                                                   | PSE210                                                           |

## Environmental

|                         |                                                    |
|-------------------------|----------------------------------------------------|
| Ambient Air Temperature | Operation -25 ... +60 °C<br>Storage -40 ... +70 °C |
| RoHS Status             | Following EU Directive 2011/65/EU                  |

## Certificates and Declarations (Document Number)

|                                    |                     |
|------------------------------------|---------------------|
| CQC Certificate                    | CQC2018010304109915 |
| Declaration of Conformity<br>- CCC | 2020980304001510    |

Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Width          | 261 mm        |
| Package Level 1 Depth / Length | 325 mm        |
| Package Level 1 Height         | 510 mm        |
| Package Level 1 Gross Weight   | 11.2 kg       |
| Package Level 1 EAN            | 7320500515020 |
| Package Level 1 Units          | box 1 piece   |

Classifications

|        |                                    |
|--------|------------------------------------|
| ETIM 6 | EC002572 - Motor management device |
| UNSPSC | 39121521                           |

Categories

Drives → Softstarters → Softstarters → PSE Softstarters → PSE210

Low Voltage Products and Systems → Control Products → Softstarters → Softstarters → PSE Softstarters → PSE210

