

# PSR60-600-11

ABB contact for [United States of America](#) [Print to Pdf..](#)

## General Information

|                               |   |
|-------------------------------|---|
| <b>Extended Product Type:</b> | PSR60-600-11  |
| <b>Product ID:</b>            | 1SFA896112R1100   |
| <b>EAN:</b>                   | 7320500477236   |
| <b>Catalog Description:</b>   | SOFTSTARTER   |
| <b>Long Description:</b>      | Softstarter PSR60-600-11 for max 600V main voltage and 24V AC/DC control supply voltage |



## Categories

Products » Low Voltage Products and Systems » Control Products » Softstarters » Softstarters

## Ordering

|                                |               |
|--------------------------------|---------------|
| <b>EAN:</b>                    | 7320500477236 |
| <b>Minimum Order Quantity:</b> | 1 piece       |
| <b>Customs Tariff Number:</b>  | 85371099      |

## Dimensions

|                            |            |
|----------------------------|------------|
| <b>Product Net Width:</b>  | 70.000 mm  |
| <b>Product Net Height:</b> | 220.000 mm |
| <b>Product Net Depth:</b>  | 180.000 mm |
| <b>Product Net Weight:</b> | 2.2 kg     |

## Container Information

|                                      |               |
|--------------------------------------|---------------|
| <b>Package Level 1 Width:</b>        | 86 mm         |
| <b>Package Level 1 Length:</b>       | 230 mm        |
| <b>Package Level 1 Height:</b>       | 195 mm        |
| <b>Package Level 1 Gross Weight:</b> | 2.47 kg       |
| <b>Package Level 1 EAN:</b>          | 7320500477236 |
| <b>Package Level 1 Units:</b>        | 1 piece       |
| <b>Package Level 2 Units:</b>        | 1 piece       |

## Technical

|  |   |
|--|---|
| <b>Rated Operational Voltage:</b>                                    | Main Circuit 208 ... 600 V AC                   |
| <b>Rated Control Supply Voltage (U<sub>S</sub>):</b>                 | 24 V AC/DC                                      |
| <b>Rated Control Circuit Voltage (U<sub>C</sub>):</b>                | DC Operation 24 V                               |
| <b>Rated Operational Power - In-Line Connection (P<sub>e</sub>):</b> | at 230V 15 kW<br>at 400V 30 kW<br>at 500V 37 kW |
| <b>Rated Operational Current - In-Line</b>                           | 60 A  |

|   |  |
|---|--|
| <b>Connection (Ie):</b>   |  |
| <b>Service Factor Percentage:</b>   | 100 %  |
| <b>Overload Protection:</b>   | Recommended MS495 45 ... 63  |
| <b>Integrated Electronic Overload:</b>  | No   |
| <b>Starting Capacity at Maximum Rated Current Ie:</b>                           | 4xIe for 6s  |
| <b>Ramp Time:</b>   | During Start 1 ... 10 second(s)<br>During Stop 0 ... 20 second(s)            |
| <b>Initial Voltage During Start:</b>  | 40 ... 70 %  |
| <b>Step Down Voltage Special Ramp:</b>  | 100...60 %   |
| <b>Current Limit Function:</b>  | No   |
| <b>Switch for Inside Delta Connection:</b>                                      | No   |
| <b>Run Signal Relay:</b>  | Yes  |
| <b>By-pass Signal Relay:</b>  | Yes  |
| <b>Fault Signal Relay:</b>  | No   |
| <b>Overload Signal Relay:</b>   | No   |
| <b>Signal indication completed start ramp (LED):</b>                            | Green  |
| <b>Signal indication ready to start/standby ON (LED):</b>                       | Green  |
| <b>Signal indication running R (LED):</b>                                       | Green  |
| <b>Signal indication ramping up/down (LED):</b>                                 | Green  |
| <b>Number of Starts Per Hour at 3.5*Ie for 7 sec. 50% ON Time 50% OFF Time:</b> | 10   |
| <b>Communication:</b>   | FiledBusPlug(Optional)   |
| <b>Degree of Protection:</b>  | acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP20                 |
| <b>Terminal Type:</b>   | Main Circuit: Bars   |
| <b>Connecting Capacity-Main Circuit:</b>  | Rigid 1x6 ... 95 mm <sup>2</sup><br>Rigid 2x6 ... 35 mm <sup>2</sup>         |
| <b>Connecting Capacity-Control Circuit:</b>                                     | Rigid 1x0.75 ... 2.5 mm <sup>2</sup><br>Rigid 2x0.75 ... 2.5 mm <sup>2</sup> |
| <b>Connecting Capacity-Supply Circuit:</b>                                      | Rigid 1x0.75 ... 2.5 mm <sup>2</sup><br>Rigid 2x0.75 ... 2.5 mm <sup>2</sup> |
| <b>Tightening Torque:</b>   | Main Circuit 8 N·m<br>Supply Circuit 0.6 N·m<br>Control Circuit 0.6 N·m      |
| <b>Product Main Type:</b>   | PSR60  |

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### Certificates and Declarations (Document Number)

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|--|-----------------|
| <b>Declaration of Conformity - CE:</b> | 2CMT004861      |
| <b>RoHS Information:</b>               | 1SFC132031D0202 |

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### Environmental

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

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**Classifications**

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**UNSPSC:** 39121521

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