





### SSRP1DB012

|   |           |   |
|---|-----------|---|
| Weight (Net)                              | <b>Gr</b> | 95gr  |
| Connection Type                           |           | With terminal                                     |
| Operational Voltage                       |           | 50-480V   |
| Product                                   |           | Solid State Relay                                 |
| Current                                   | <b>Ie</b> | 12A   |
| Operating Temperature                     |           | -25 / +70 °C (without condensation and frosting)  |
| Storage Temperature                       |           | -30 / +100 °C (without condensation and frosting) |
| Protection Degree                         |           | IP20  |
| Screw Torque                              |           | For control line; 1,2Nm    For load line; 2,2Nm   |
| Cable Section for Input Terminal          |           | 1,5mm <sup>2</sup>                                |
| Cable Section for Load Terminal           |           | 1,5mm <sup>2</sup>                                |
| Indicator                                 |           | LED   |
| Min. Load Current                         |           | 200mA   |
| Control Voltage                           |           | 4-32V DC  |
| Min. Switching On Voltage                 |           | 4V DC   |
| Min. Switching Off Voltage                |           | 3.0V DC   |
| Insulation Voltage (between input-output) |           | 2500Vrms  |
| Min. Input Current                        |           | 5mA   |
| Max. Output Current                       |           | 15mA  |
| Max. Load Current (RMS) (AC51)            |           | 12A   |
| Load Voltage (RMS)                        |           | 50-480V AC  |
| Load Frequency                            |           | 50-60Hz   |

|   |                           |
|---|---------------------------|
| <b>Non-repetitive Surge Current</b> F=50Hz, t=10ms, Tj=25°C   | 120A                      |
| <b>Maximum Voltage Drop</b>   | 1,8V                      |
| <b>For Fuse I<sup>2</sup>t ( for Max. 0,5 period Tj=25 °C)</b>  | 72 A <sup>2</sup> sec     |
| <b>Serial Specifications</b>  | SSR Series                |
|   | Compact design            |
|   | Fast and silent switching |
|   | Long life                 |
|   | Fingerproof design        |
|   |                           |