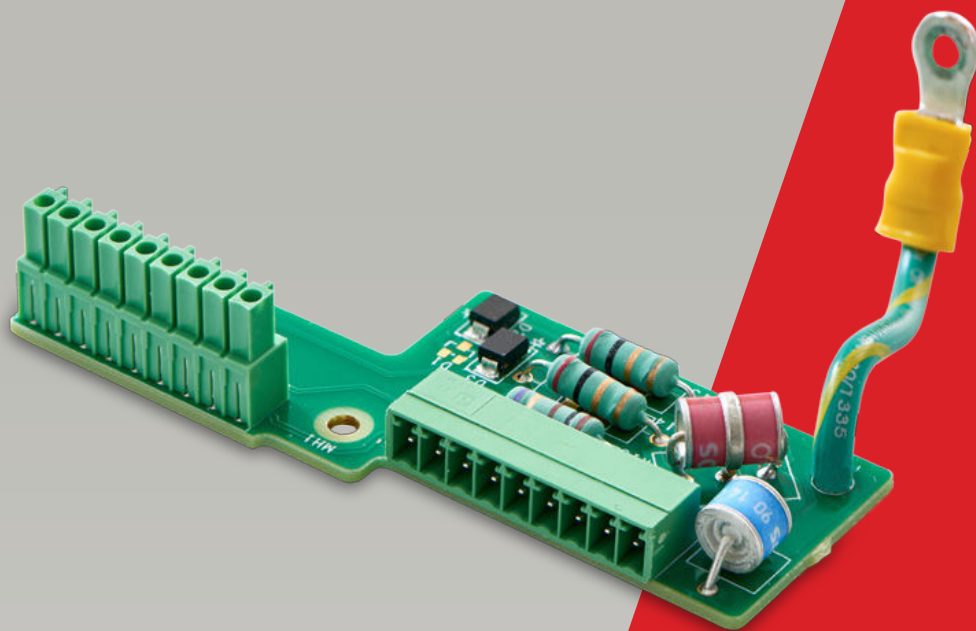




SolarEdge RS485 Surge Protection Device

SE-RS485-SPD2-K1



COMMUNICATION

Protecting your RS485 Communication Lines

- Protects the RS485 transceiver from electrical surges, such as lightning
- Easy connection to the RS485 terminal block in the inverter
- Compatible with all SolarEdge three-phase inverters
- Can be added to existing installations without having to redo the RS485 wiring



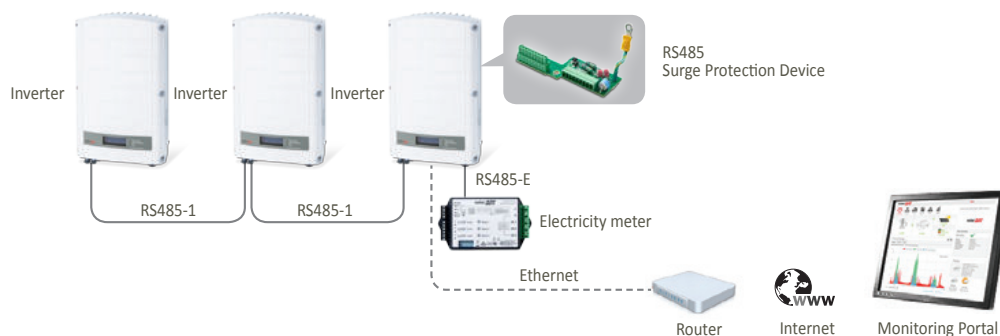
SolarEdge RS485 Surge Protection Device

SE-RS485-SPD2-K1

| | SE-RS485-SPD2-K1* | UNIT |
|--|---------------------------------|----------|
| FUNCTIONAL | | |
| Surge Protection Device configuration | 1-pair + Shielded | |
| Nominal line voltage (Un) | 12 | V |
| Max. DC operating voltage (Uc) | 15 | V |
| Max. Load current (IL) | 300 | mA |
| Max. frequency (f max) | >3 | MHz |
| Insertion loss | <1 | db |
| Nominal discharge current (In) 8/20µs Test x 10 - C2 Category | 5 | kA |
| Max. discharge current - max. (Imax) withstand @ 8/20 µs by pole | 15 | kA |
| Impulse current (Iimp) 2 x 10/350µs Test - D1 Category | 1 | kA |
| Protection level (Up) | 70 | V |
| INSTALLATION SPECIFICATIONS | | |
| Dimensions | 91mm x 37mm x 15mm | |
| Connector type/wire cross section | Screw terminal / 0.2-1.5 | AWG |
| Operating temperature | -40 to +85 -40 to +185 | °C °F |
| Protection rating | IP20 / IP65 inside the inverter | |
| STANDARDS COMPLIANCE | | |
| EMD | IEC 61643-21 / EN 61643-21 | |

* Product is shipped five devices to a box

Protecting your RS485 Communication Line



RoHS **CE**