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 SolarEdge three-phase inverters with SetApp configuration
- Can be added to existing installations without having to redo the RS485 wiring

SPD Plug-in for RS485, for Three Phase Inverters
SE-RS485-SPD2-B-K1
SPD Plug-in for RS485, for Three Phase Inverters
SE-RS485-SPD2-B-K1

<table>
<thead>
<tr>
<th>Compatible Inverters (1)</th>
<th>SExxK-xxxxxBxx4 (INVERTERS WITH SETAPP CONFIGURATION)</th>
<th>UNIT</th>
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<td>SE-RS485-SPD2-B-K1(2)</td>
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**FUNCTIONAL**
- Number of protected RS485 buses: 1
- 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
- Additional accessories: 1 Holder per piece

**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 °C / -40 to +185 °F
- Protection rating: IP20 / IP65 inside the inverter

**STANDARDS COMPLIANCE**
- EMD: IEC 61643-21 / EN 61643-21

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1) Excluding three phase inverters SE3K-SE10K and three phase inverters with synergy technology
2) Product is shipped five devices to a box