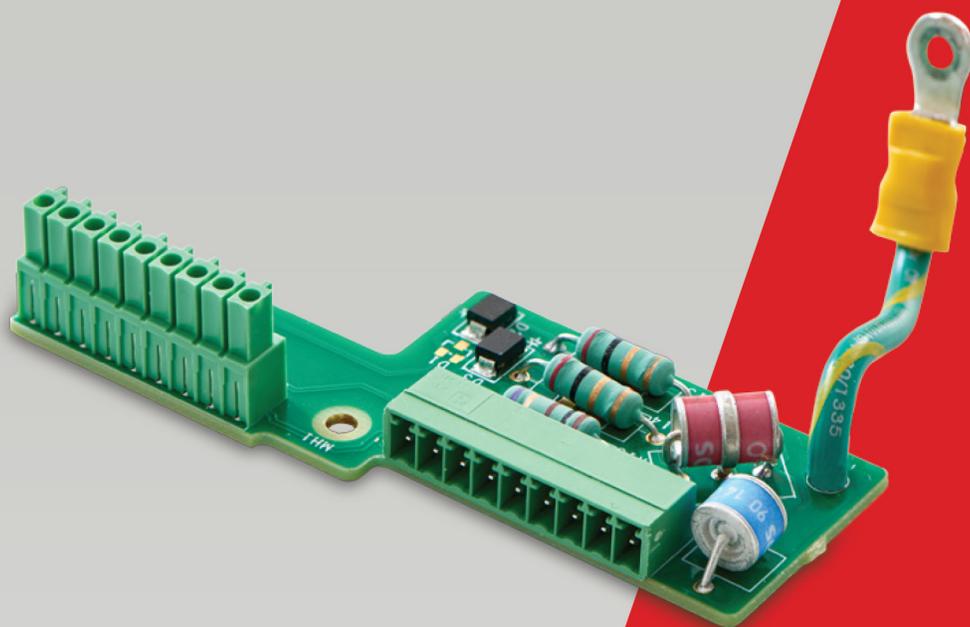


# solar**edge**

By  **SIAM SOLAR CELL**  
THAILAND

## SolarEdge RS485 Surge Protection Device

SE-RS485-SPD2-K1



COMMUNICATION

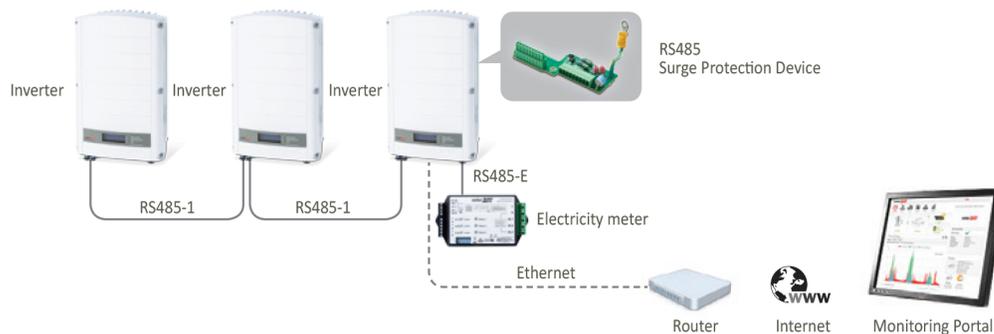
### Protecting your RS485 Communication Lines

- 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

	SE-RS485-SPD2-K1*	UNIT
<b>FUNCTIONAL</b>		
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
<b>INSTALLATION SPECIFICATIONS</b>		
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	
<b>STANDARDS COMPLIANCE</b>		
EMD	IEC 61643-21 / EN 61643-21	

\* Product is shipped five devices to a box

## Protecting your RS485 Communication Line



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