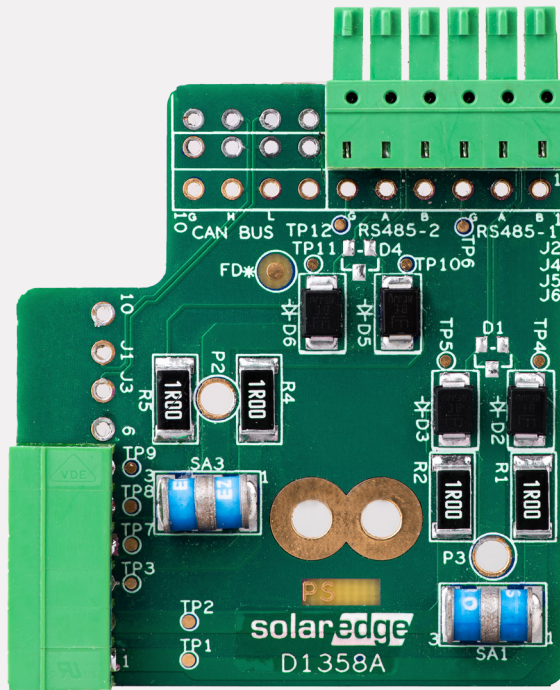


# SPD Plug-in for RS485, for Three Phase Inverters

SE-RS485-SPD3-B-K3



COMMUNICATION

## Protecting your RS485 Communication Lines

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

# / SPD Plug-in for RS485, for Three Phase Inverters

SE-RS485-SPD3-B-K3

Compatible Inverters <sup>(1)</sup>	SExxK-xxxxxBxx4 (INVERTERS WITH SETAPP CONFIGURATION)	
SE-RS485-SPD3-B-K3 <sup>(2)</sup>		UNIT
<b>FUNCTIONAL</b>		
Number of protected RS485 buses	2	
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 spacer per piece (MCI-SP-00014)	
<b>INSTALLATION SPECIFICATIONS</b>		
Dimensions	91 x 37 x 15	mm
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	
<b>STANDARDS COMPLIANCE</b>		
EMD	IEC 61643-21 / EN 61643-21	

<sup>(1)</sup> Excluding three phase inverters SE3K-SE10K and three phase inverters with synergy technology

<sup>(2)</sup> Product is shipped five devices in a box

## Protecting your RS485 Communication Line

