

Solis-RSD(1-2)L-1G

Solis Rapid Shutdown Device

Compatible with the following Solis Inverters:



2.5kW to 10kW

Features:

- ▶ Certified to UL1741 Standard and compliant with 2014 NEC 690.12 Rapid Shutdown
- ▶ Available in either single channel output or dual channel output allowing for perfect alignment with the number of MPPT channels in the inverter system
- ▶ No interference with AFCI functionality of Solis inverters
- ▶ NEMA 4X Enclosure, conformal-coated internal components and a wide operating temperature range
- ▶ Low profile design allows for easy positioning under the PV module
- ▶ Pre-wired MC4 connectors for positive, watertight connections
- ▶ Engineered for the US Solis transformer-less Inverter line and compatible with any PV Module -string inverter combination where the maximum system operating voltage is $\leq 550V_{dc}$

Datasheet

Model	Solis-RSD1L-1G	Solis-RSD2L-1G
DC Values		
Maximum Input and Output Voltage(V)	600	
DC Input Voltage Range(V)	30-600	
Maximum Number of PV Source Circuits	1or 2 input/ 1 output	2or 3 input/ 2 output
Maximum Input / Output Current(A)	20	2 independent channels, 20/10
Maximum Short Circuit Current(A)	31.2	
DC Input / Output Cable Whips	PV Wire with MC4 Locking Connectors	
DC Input / Output Wire Size	AWG #12 to #6	
Ground Wire Size	AWG #10 to #6	
AC Values		
Rated AC Input Voltage(V)	208/240	
Rated AC Input Current(A)	0.1	
Rated Frequency(HZ)	50/60	
AC Control Wire Size	AWG #18 to #10	
Maximum AC Fuse Rating(A)	2	
GENERAL		
Ambient Temperature Range	-25 to +65°C (-13 to 158°F)	
Enclosure Type	NEMA 4X	
Status Indicator	Rail-mount plate (WEEB Compatible)	
Efficiency	>99.5%	
Response Time	<2 seconds	
Dimension(L*W*H)	10.3*9.4*2.36in (262*240*60mm)	
Weight	2.3 kg / 5.1 lb	
Warranty	10 Year	
Certification & Safety Standard Compliance	UL1741, FCC Part 15 Class B, NEC 690.12	