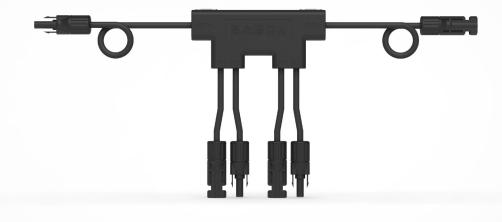
hoymiles



Rapid Shutdown Datasheet

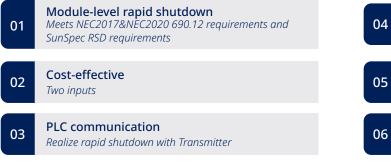
HRSD-2C

Description

As part of Hoymiles rapid shutdown solution for PV system, HRSD-2C can be connected with two modules. It meets NEC 2017, NEC 2020, UL 1741 and SunSpec Rapid Shutdown requirements, guaranteeing PV system safety.

When installed with and receiving a "permission to operate" signal from Hoymiles Transmitter, HRSD starts proper operation of PV system. In case of emergency, PV system would enter module-level rapid shutdown mode by simply disconnecting the AC power of Transmitter or using an external initiator.

Features



04	Easy Installation <i>Plug & play, no configuration required</i>
05	High Efficiency Lower power consumption and wider operating voltage range
06	Low Noise Much lower than arc noise. No risk of triggering AFCI

Technical Specifications

Model	HRSD-2C		
Electrical			
Input Voltage Range	8-80V		
Output Voltage Range	16-160V (8-80V per input)		
Maximum Current	15A (20A or 25A optional)		
Maximum System Voltage	1000V (1500V optional)		
Communication Type	SunSpec PLC		
Shutdown Output Voltage	1V		
Power Consumption	200mW		
Mechanical			
Input Connectors	MC4 (standard)		
Input Cable Length	0.45m		
Output Connectors	MC4 (standard)		
Output Cable Length	2.4m ¹		
Dimensions	133 x 58 x 16mm		
Environmental			
Operating Temperature Range	-40°C to +85°C (-40°F to +185°F)		
Outdoor Rating	IP68/NEMA6P		
Compliance			
Safety	UL1741, CSA C22.2 No. 330-17, IEC/EN 62109-1		
EMC	FCC Part15 Class B, ICES-003, IEC/EN 61000-6-1/-2/-3/-4		

*1 Fits PV module in landscape and portrait installation.

