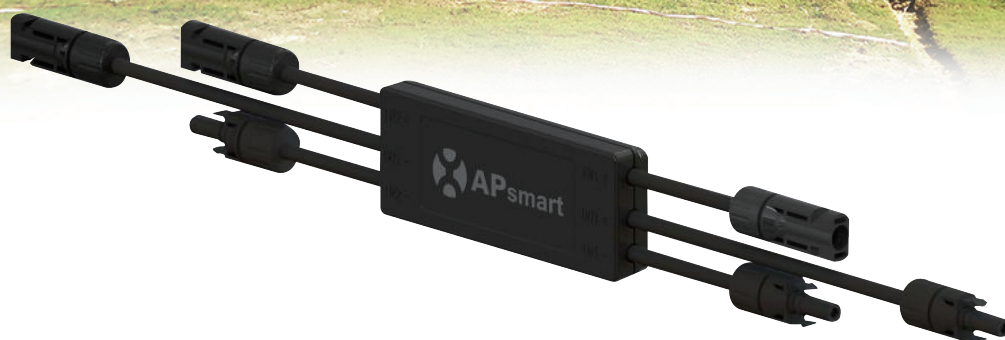




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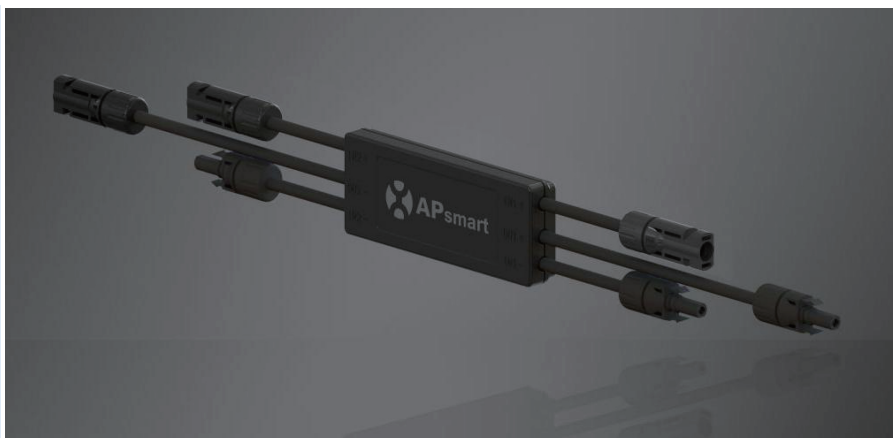
JDA RSD-D Datasheet





RSD-D

- Meets NEC 2017 & 2020 (690.12) requirements
- Executes rapid shutdown of system when Transmitter-PLC signal is absent
- Meets SunSpec requirements
- Dual-input channel



RSD-D meets SunSpec requirements, maintaining normal function by continually receiving a heartbeat signal from the JDA Transmitter.

The RSD-D executes rapid system shutdown when the Transmitter signal is absent. Users can manually execute rapid shutdown using Transmitter breaker switch.

◆ RSD-D TECHNICAL DATA

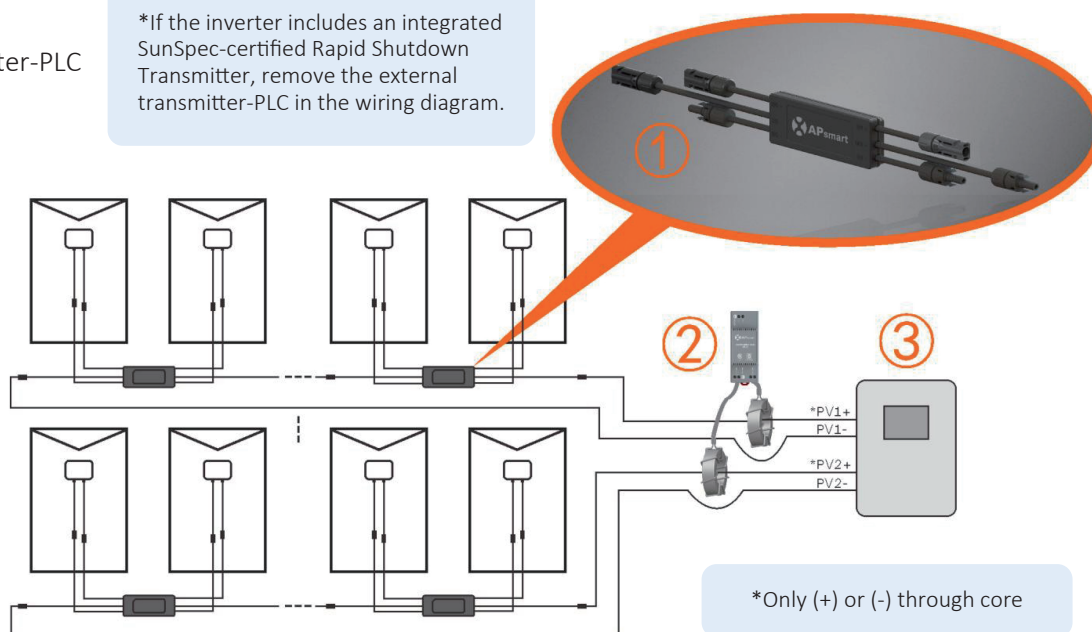
MODEL	RSD-D-15		RSD-D-20	
INPUT DATA (DC)				
Range of Input Operating Voltage	8-65V Per Channel			
Maximum Cont. Input Current (Imax)	15A Per Channel		20A Per Channel	
Maximum Short Circuit Current (Isc)	25A			
OUTPUT DATA (DC)				
Range of Output Operating Voltage	16-130V			
Maximum Cont. Output Current	15A		20A	
Maximum System Voltage	1000V/1500V			
Maximum Series Fuse Rating	30A			
MECHANICAL DATA				
Operating Ambient Temperature Range	-40 oF to +167 oF (-40 °C to + 75 °C)			
Dimensions (without cable & connectors)	5.5" x 2" x 0.8"(140 mm x 50.6 mm x 20 mm)			
Cable Length	Input 500mm/Output 2400mm			
Cable Cross Section Size	TUV:4mm²/UL:12AWG			
Connector	Input: Stäubli MC4 PV-KBT4&KST4 or Customize			
	Output: APsystems specified or Customized			
Enclosure Rating	NEMA Type 6P/IP68			
Protection Temperature	100°C			
FEATURES & COMPLIANCE				
Communication Compliance	PLC			
Safety Compliance	NEC 2017 & 2020 (690.12); UL1741; CSA C22.2 No. 330-17; IEC/EN62109-1			
EMC Compliance	FCC Part15; ICES-003			



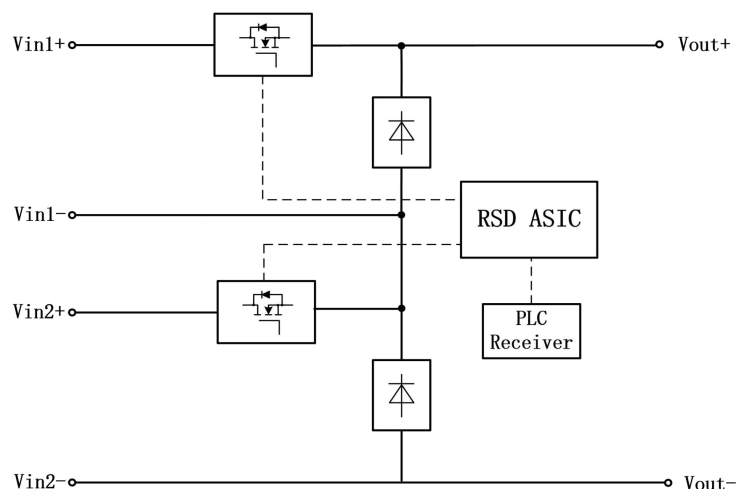
◆ RSD-D TECHNICAL DATA

- ① RSD-D
- ② Transmitter-PLC
- ③ Inverter*

*If the inverter includes an integrated SunSpec-certified Rapid Shutdown Transmitter, remove the external transmitter-PLC in the wiring diagram.



◆ WORKING SCHEMATIC DIAGRAM



ORDERING INFORMATION

426101	1500V UL/1000V TUV, 15A, 2.4m cable, Stäubli MC4 PV-KBT4&KST4
446101	1500V UL/1000V TUV, 20A, 2.4m cable, Stäubli MC4 PV-KBT4&KST4
4261xx*	15A, 2.4m cable, Customize connector
4461xx*	20A, 2.4m cable, Customize connector



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