



NEW FROM SOLAX

Rapid Shutdown Device 1 connection

XRSD-1C

Description

Prioritizing safety and rapid shutdown capabilities, the XRSD series offers a sophisticated module-level solution that guarantees the smooth functioning of both new and existing PV systems. Once activated by the SolaX Transmitter—XRSD-Core Kit, the XRSD modules ensure your connected PV system remains operational.

In case of emergencies, you have multiple shutdown options: either remotely control each individual panel through the SolaX cloud, toggle the AC breaker on the Transmitter, or engage the E-STOP button. This versatility makes the XRSD system a reliable safety measure for quick deactivation of your PV system as needed.

Note: To achieve rapid shutdown, please use with the TRANSMITTER KIT (Model: XRSD-CORE KIT).

Features



Module-level rapid shutdown



Module-level mornitoring (optional).



Max. PV input current 20A: Compatible with all PV panels



Ultra-low signal noise, won't trigger inverter's AFCI.



Lower power consumption and wider operating voltage range



Easy to install and maintain with standard MC4 connector panels



Compatible with all SolaX inverters as well as other inverter brands



IP68 with unrivaled reliability

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ELECTRICAL DATA	
Input voltage range [V]	8-80
Output voltage range [V]	8-80
Max. PV input current [A]	20
Max. short circuit current [A]	26
Recommended fuse rating [A]	30
Maximum system voltage [V]	1500
MECHANICAL	
Dimensions* (W x H x D) [mm]	120 x 33 x 16
Weight [g]	350
Input connectors	MC4 (Standard)
Input cable length [m]	0.2
Output connectors	MC4 (Standard)
Output cable length [m]	1.2
Communication type	PLC
ENVIRONMENT LIMIT	
Protection class	IP68 / NEMA6P
Operating temperature range[°C]	-40°C to +85°C (-40°F to +185°F)
COMPLIANCE	
Safety	NEC 2017&2020 (690.12); UL1741; CSA C22.2 No. 330-17; IEC/EN62109-:
EMC	FCC Part15; ICES-003; IEC/EN 61000-6-1/-2/-3/-4

^{*} Note: without cables and connectors