

PV DC ISOLATOR SWITCH

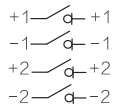
MODEL: RS-i4



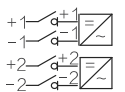
Contact Diagram / Switching Example

...4

Contacts wiring
diagram



Switching
example



Safety & Protection

- < 3 ms arc suppression for safe disconnection.
- SAFE-LOCK rotary switch with 3 operating positions to prevent tampering.
- Rated insulation voltage up to 1500 VDC, impulse withstand 8 kV.
- Lockout/Tagout (LOTO) option for safe maintenance.

Robust & Reliable Design

- UV resistance, flame-retardant UL94 V-0 PC housing.
- IP66NW protection – dustproof, waterproof, and corrosion resistant.
- Long service life even in harsh outdoor environments.

Versatile Applications

- Isolates DC circuits from inverters, charge controllers, or batteries.
- Suitable for on-grid and off-grid solar systems.
- Ideal for residential, commercial, industrial, RV, and marine setups.

Easy Installation & Certified Quality

- Flexible cable connectors and user-friendly terminals for quick setup.
- Backed by a 3-year warranty for reliable performance.
- Certified to CE standard.

SPECIFICATIONS

Model	RS-i4
Max. Rated Current	55 A
Max. Rated Voltage	1500 VDC
Poles / Circuit	4P in series
Supported PV String	2 PV strings
Impulse Withstand Voltage	8 kV
Arc Suppression Time	< 3 ms
IP Rating	IP66NW
Operating Temperature	-40°F to +185°F (-40°C to +85°C)
Housing Material	Flame-retardant PC (UL94 V-0)
Dimensions (H × W × D)	7.1 × 6.8 × 4.3 in (179.5 × 173.9 × 110 mm)
Weight	1.6 lb (0.725 kg)
Certification	CE
Warranty	3 Years