

PV DC ISOLATOR SWITCH

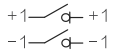
MODEL: RS-i2



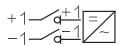
Contact Diagram / Switching Example

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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-i2
Rated Insulation Voltage (Ui)	1500 V
Rated Thermal Current (Ith)	40 A
Poles / Circuit	2P in series
Supported PV String	1 PV string
Impulse Withstand Voltage	8 kV
Arc Suppression Time	< 3 ms
IP Rating	IP66NW
Operating Temperature	-40°F to +158°F (-40°C to +70°C)
Housing Material	Flame-retardant PC (UL94 V-0)
Dimensions (H × W × D)	9.8 × 3.8 × 4.3 in (249.4 × 97.6 × 110 mm)
Weight	1.26 lb (0.571 kg)
Certification	CE
Warranty	3 Years