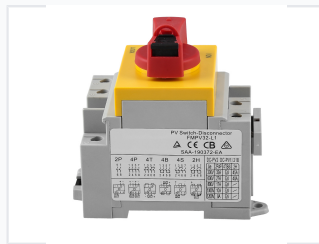


DC Isolator Switch 1200V with Earth Terminal

This DC isolator switch is designed to switch direct current at voltages up to 1200V. It is ideally suited for switching photovoltaic systems due to its robust design and high voltage switching capability.



ADDITIONAL IMAGES



Overview



Clear interface design for safe operation, featuring lockable OFF position.

High-Performance DC Isolation

The MDIS Series isolator switch is engineered specifically for high-voltage Direct Current (DC) applications up to 1200V. Designed for robust performance in photovoltaic (PV) systems, it facilitates safe disconnection and grounding of PV arrays during maintenance or emergency scenarios. With a durable PC housing and wide operating temperature range, this switch ensures reliability and safety in demanding solar energy installations.

Technical Specifications



Compliance with international standards and thermal performance ratings.

Insulation & Impulse Ratings

1200 V

Rated Insulation Voltage (Ui)

8 kV

Impulse Withstand Voltage (Uimp)

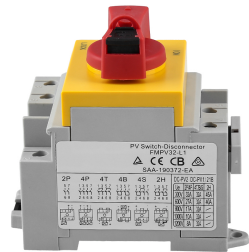
Thermal Ratings

- I_{the Solar} at 40°C: 32A
- I_{the Solar} at 60°C: 29A
- Operating Temperature Range: -40°C to +85°C

Certifications & Standards

CE, CB, AS 60947.3, AS/NZS 5033:2014, IEC/EN 60947-3

Configuration & Ratings



Pole configurations and wiring guidelines for various installation setups.

Operational Ratings by Configuration

Voltage (V)	2P/4P Current (A)	4T/B/S Current (A)
300	32	32
600	27	32
800	17	32
1000	10	32
1200	8	32

Pole Configurations

2P • 4P • 4T • 4B • 4S • 2H

Installation



Compact and durable construction suitable for harsh outdoor environments.

Ingress Protection Ratings

- Enclosure (IP66NW): Vertical/Horizontal mounting
- Switch body (IP20): Vertical mounting

Polarity Independent

Yes