

1200V DC Rotary Disconnect Switch for Solar PV Systems

This 1200V DC rotary disconnect switch is designed for solar photovoltaic (PV) systems. It provides a reliable method for disconnecting DC circuits, ensuring safety during maintenance or emergencies.



ADDITIONAL IMAGES



Product Overview

High-Performance DC Isolation

This DC rotary disconnect switch is engineered for reliable isolation in solar photovoltaic (PV) systems, ensuring safety during maintenance and emergency shutdowns. Designed for high-voltage applications up to 1200V, it provides a robust and intuitive manual disconnection method for PV arrays and inverters. Its compact design allows for easy rail mounting within standard distribution boxes, making it an essential component for residential and commercial solar installations.

Electrical Specifications

Durability Cycles

20000 cycles
Mechanical Cycles

2000 cycles
Electrical Cycles

Rated Operational Voltage

500V, 600V, 800V, 1000V, 1200V

Rated Current Options

10A, 16A, 20A, 25A, 32A

Mechanical & Installation



Rotary handle mechanism for intuitive 90-degree operation.



Secure lockable handle design for enhanced safety during maintenance.



Compact form factor designed for efficient installation in distribution boxes.

Model Code	MDIS-40
Operation	90° Rotary Handle
Installation Method	Rail mounting
Dimensions	83mm x 61mm x 46mm

Compliance & Standards

Certifications

TUV • CE • CB • CCC • TUV Australia

Standards

IEC60947-3, AS60947.3