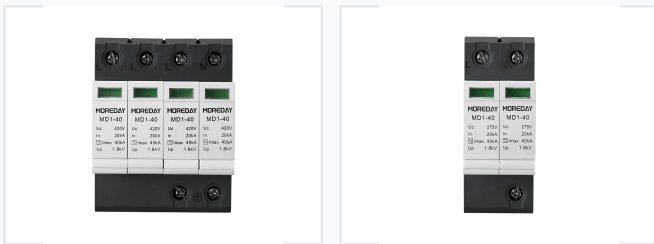


AC Power Surge Protection Device 40kA

Surge protection devices are installed in electrical switchboards to protect against transient surge conditions. These devices prevent the spread of overvoltages in electrical installations, protecting loads from damage.



ADDITIONAL IMAGES



Product Overview

Professional AC Surge Protection

This Type 2 (T2) surge protective device is engineered to safeguard electrical installations and sensitive loads from transient overvoltages. Designed for installation in electrical switchboards, it provides robust defense against both high-magnitude lightning events and more frequent internally generated surges. By limiting overvoltage to safe levels, it prevents equipment failure and extends the operational lifespan of facility electronics.

Technical Performance

Key Performance Metrics

40 kA

Max Discharge Current (Imax)

20 kA

Nominal Discharge Current (In)

1.8 kV

Voltage Protection Level (Up)

25 ns

Response Time

Surge Protection Class

Type 2 (T2)

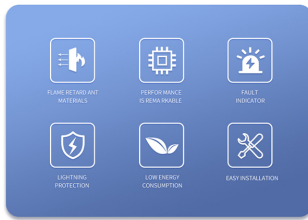
Continuous Operating Voltage (Uc)

275V, 420V

Design & Construction

OPEN A NEW ERA OF INTELLIGENCE

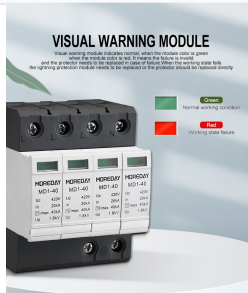
POWER FACTOR, LET ME TELL YOU



Material Features

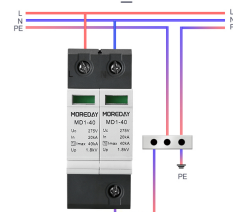
- PA66 Flame retardant housing
- High wear and heat resistance
- Chemical resistance
- ESD protection compliant

Installation & Maintenance



EASY WIRING, DIY BY YOURSELF

When power line input through the + and - poles screw down to generate the mounting base of the power line.



Visual Warning System

Color	Status	Action Required
Green	Normal Operation	None
Red	Failure / Invalid	Replace Module or Protector

Maintenance Features

- Plug-and-upgrade modular design
- Easy wiring for L, N, and PE lines
- DIY-friendly installation
- Fast module replacement

Mounting Type

Standard Rail Mounting

Dimensions

DIMENSION DIAGRAM



Device Dimensions

Dimension	Value	Unit
Width (A)	36	mm
Total Height (B)	90	mm
Depth (C)	50	mm
Rail Height (D)	35	mm
Body Depth (E)	62	mm
Front Face Height (F)	45	mm

Applications

Recommended Usage

Residential, Commercial, Industrial, Solar Photovoltaic, Renewable Energy