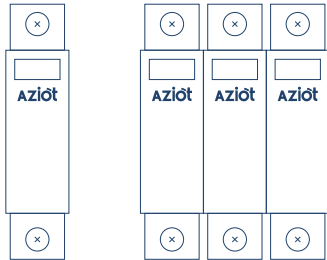


1 Phase / 3 Phase Surge Protector



User Manual

Technical Specs (For Nerds)

Parameter	Specification
Model	AZ1SPD1 / AZ3SPD1
Protection Type	Type 2 (Class C) SPD
Application	AC Distribution Panels, Industrial Panels
Nominal Voltage (Un)	275V AC
Max Continuous Operating Voltage (Uc)	320V AC
Nominal Discharge Current (In)	20kA
Max Discharge Current (Imax)	40kA
Voltage Protection Level (Up)	≤1.8kV
Response Time	≤25ns
Installation Connection	Line (Phase) to Earth
Designed to Comply Standard	IEC 61643-1
Mounting Type	35mm DIN Rail
Module Design	Replaceable Cartridge
Visual Indicator	Green/Red Window (per phase)
Enclosure Material	Flame Retardant Thermoplastic
Country of Origin	Made in India
Single-Phase (AZ1SPD1)	
Dimensions	Standard 1P Module Size (69x18x90 mm)
Three-Phase (AZ3SPD1)	
Dimensions	Standard 3P Module Size (69x54x90 mm)

Health Indicator



Let's Set it up

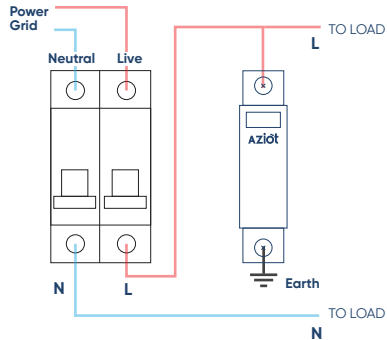
To ensure proper protection against lightning and voltage surges, the surge protector must be installed correctly:

1. One end should be connected to the Live or Neutral wire.
2. The other end must be connected to the Earth.

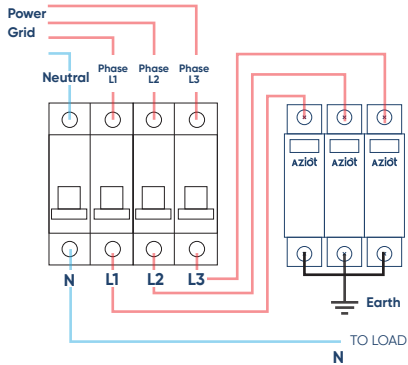
Important: Earth it to protect it.

Without a proper Earth connection, the surge protector won't work—and lightning surges won't be safely grounded.

Wiring (1Phase)



Wiring (3Phase)



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