

LIGHTNING ELIMINATORS

WWW.LIGHTNINGPROTECTION.COM

Power DIN PD-65

Transient Voltage Surge Suppression Device for
DIN Rail Applications

Applications

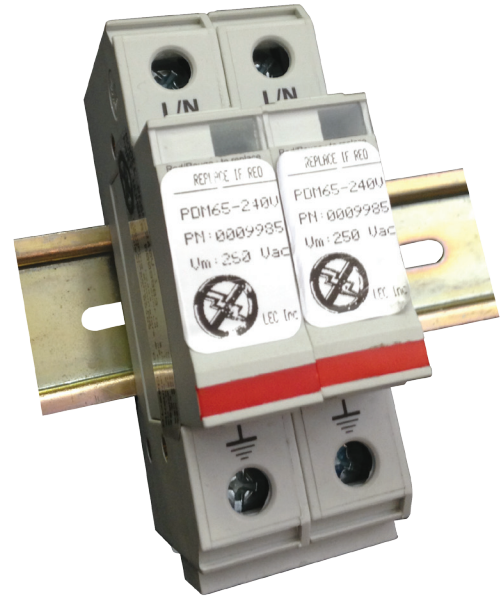
The Power DIN is ideal for cabinet and control instrumentation equipment, as well as the manufacturers and integrators of industrial, medical and commercial instrumentation equipment.

Protection

The Power DIN utilizes a hybrid suppression circuit that provides up to 40,000 amps of surge protection. The Power DIN provides a very tight clamping voltage for superior protection in a small package.

Performance

The Power DIN has a surge capacity of 40,000 amps. Each unit provides protection in common and differential modes, and includes an indicator for visual system status. The Power DIN mounts

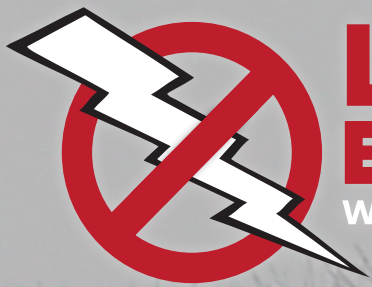


quickly and easily to a 35mm DIN rail. The screw lugs provide easy parallel connection with the power system.

Safety

The Power DIN is engineered to be the industry's safest surge protection device with unique technology where each MOV is individually fused. Conforms to UL 1449,

FEATURES	ADVANTAGES	BENEFITS
DIN rail mounting	Quick and easy mounting and dismounting inside equipment cabinets.	Allows for modular expansion and easy replacement.
Thermal link fuse	Provides an extra margin of safety.	Provides reliable, long-lasting protection against thermal runaway of MOVs.
Status Indicator	Continuous monitoring of TVSS status.	Customer has assurance of protection at a glance.



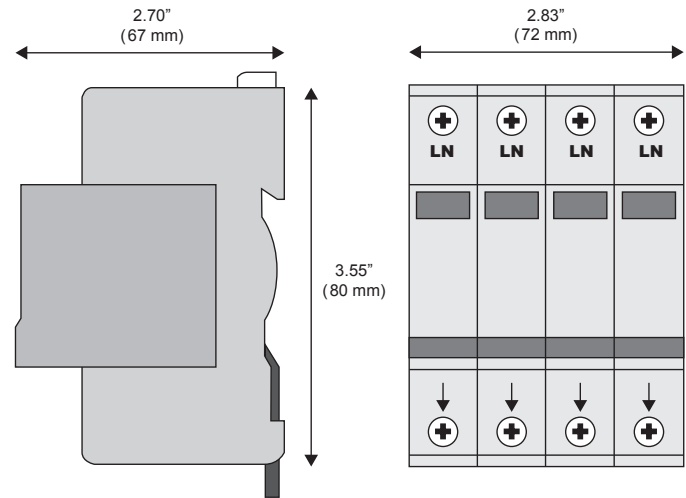
LIGHTNING ELIMINATORS

WWW.LIGHTNINGPROTECTION.COM

Operating Parameters

Fusing	Thermal Link
Installation	Parallel
Diagnostics	Green/Red Status Indicator
Operating Temp	-40 C to +85 C
Frequency	50/60/400Hz
Enclosure Rating	NEMA 1
UL 1449 3rd Ed Listed	Yes
Warranty	5 Years
Mounting	35mm DIN Rail
Connection Method	Screw Terminals for #4 to #12 Wire

Dimensions



Model Numbers

Model Number	Application	# Protected Wires	Notes
PD-65-120-1	120 Single Phase (L-N)	2	Can be used on 100,110 or 120 volt single phase
PD-65-120/240-2	120/240 Split Phase (L-N)	3	Can be used on 100/120, 110, 220, or 120/240 split phase
PD-65-120/208-3Y	120/208 3 Phase (L-N)	4	
PD-65-240-1	240 Single Phase (L-N)	2	Can be used on 208, 220, 230, or 240 single phase
PD-65-240/415-3Y	240/415 3 Phase (L-N)	4	Can be used on 220/380, 230/400, or 240/415 3 phase
PD-65-277-1	277 Single Phase (L-N)	2	
PD-65-277/480-3Y	277/480 3 Phase (L-N)	4	
PD-65-480-M	480 Volts	1	Replacement Module
PD-65-480-1	480 3 Single Phase (L-N)	2	
PD-65-480-3D	480 3 Phase (L-G)	3	
PD-65-120-M	100-120 Volts	1	Replacement Module
PD-65-240-M	208-240 Volts	1	Replacement Module
PD-65-277-M	277 Volts	1	Replacement Module

Voltages

Nominal Voltage	120	240	277
Max Operating Voltage	150	275	320