SurgeGate™ Modular Rack Mount

SurgeGate
Enduring Surge Protection

Features:

- UL Listed for Primary (497) and Isolated Loop (497B) applications
- Exceeds TIA/EIA Standards 568 and 758 for CAT 5e and CAT 6 (depending on module ordered) performance
- Solid-state protection provides the fastest response to transient voltages (1-5 nanoseconds) by quickly diverting damaging surges to ground
- Use between buildings in a campus environment as a building entrance protector or in hostile industrial applications as an isolated loop protector
- Up to 12 individual and replaceable port modules
- RJ45 input to RJ45 output
- Single-height rack mountable chassis (1U)

ITW Linx®
Surge Protection Solutions

TECHNICAL SPECIFICATIONS

PRODUCT SPECIFICATIONS:

Agency Approval	UL Primary (497) and Isolated Loop (497B)
Grounding Requirements	Field installed solid copper wire #6 AWG for Primary #14 AWG for Isolated Loop
Recommended Grounding Impedance	<0.5 Ohm
Height/Width/Depth	1.7"/19"/4.0"
Weight w/o Modules	2.9lbs.
Product Warranty	Lifetime
Connected Equipment Warranty	Up to $5,000

SINGLE LINE SURGE PROTECTION: (LAN)

Signal Perfect Circuitry	Yes
Fused	No
Performance Rating	CAT5e/CAT6 (Gigabit) Depending on Module Ordered
Clamping Level	CAT5 or CAT6 LAN = 16V CAT5e or CAT6 75/POE = 75V CAT5e or CAT6 235 = 235V
Response Time	1-5 Nanoseconds
Capacitance	<20pF
Wires Protected	8-wires, 4-pairs per port
Termination Type	RJ-45 In & Out

ORDERING INFORMATION

Part Number	Description
RM-12MPVD	Modular Rack - up to 12 individual protection modules
RM12-CAT5-LAN	Protection Module, Solid State CAT5-LAN application with 16 volts clamping voltage
RM12-CAT5-75/POE	Protection Module, Solid State CAT5 with 75 clamping voltage for digital / POE applications
RM12-CAT5-235	Protection Module, Solid State CAT5 with 235 clamping voltage for T1, Telco and analog lines
RM12-CAT6-LAN	Protection Module, Solid State CAT6-LAN application with 16 volts clamping voltage
RM12-CAT6-75/POE	Protection Module, Solid State CAT6 with 75 clamping voltage for digital / POE applications
RM12-CAT6-235	Protection Module, Solid State CAT6 with 235 clamping voltage for T1, Telco and analog lines

*Questions about ordering? Please contact us at 1-630-315-2150
Contact an authorized distributor for pricing* (MOQ:6)
Visit us at www.itwlinx.com

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