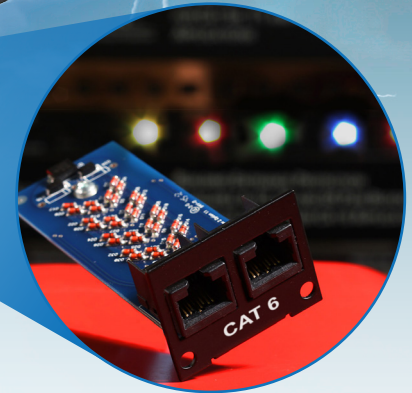# SurgeGate

Enduring Surge Protection

SurgeGate™ Modular Rack Mount Protector

Features:

- UL listed for Primary (497) and Isolated Loop (497B) applications
- Exceeds TIA/EIA Standards 568 and 758 for CAT6 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 module
- RJ45 input to RJ45 output
- Single-height rack mountable chassis (1U)
- Signal Perfect for signal line protection

ITW Linx®
Surge Protection Solutions

Questions on ordering? Call us at 1-800-278-5666

Visit us at: www.itwlinx.com

TECHNICAL SPECIFICATIONS

PRODUCT SPECIFICATIONS:

Agency Approval	UL Primary (497) and Isolated Loop (497B)
Ground 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	5 Years
Connected Equipment Warranty	Up to $5,000/per model

SINGLE LINE SURGE PROTECTION: (LAN)

Signal Perfect Circuitry	Yes
Fused	No
Performance Rating	CAT6 (Gigabit) Depending on Module
Clamping Level	CAT6 LAN = 16V CAT6 75/POE = 75V CAT6 235 = 235V T1 = 235V Telco/CO = 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-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 1-800-366-linx / Contact an authorized distributor for pricing (MOQ:12)

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