



SurgeGate™ Modular Rack Mount Protector

TECHNICAL SPECIFICATIONS

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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
Width.....	19"
Height.....	1.7"
Depth.....	4.0"
Weight w/o Modules.....	2.9lbs
Product Warranty.....	Lifetime
Connected Equipment Warranty.....	Up to \$5,000/per model

SINGLE LINE SURGE PROTECTION: (LAN)

Signal Perfect Circuitry.....	Yes
Fused.....	No
Performance Rating.....	CAT5e / CAT6 (Gigabit) Depending on Modlue
Clamping Level.....	CAT5e or CAT6 LAN = 16V
.....	CAT5e or CAT6 75/POE = 75V
.....	CAT5e or 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-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 **1-800-336-LINX** / Contact an authorized distributor or visit us at www.itwlinx.com

Features:

- UL listed for Primary (497) and Isolated Loop (497B) applications
- Exceeds TIA/EIA Standards 568 and 758 for CAT5e 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

Applications:

- Use between buildings in a campus environment as a building entrance protector or in hostile industrial applications as an isolated loop protector
- Use between buildings in a campus environment as a building entrance protector or in hostile industrial applications as an isolated loop protector



For up-to-date warranty information, please visit our web site at www.itwlinx.com