

# 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 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)

**ITW-Linx**®

*Surge Protection Solutions*



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**Surge Gate**  
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For up-to-date warranty information, please visit our web site at [www.itwlinx.com](http://www.itwlinx.com)



**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
Width	19"
Height	1.7"
Depth	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 / Gigabit Ethernet
Clamping Level	CAT5e-LAN = 16V CAT5e-75/POE = 75V CAT5e-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 and Out

**ORDERING INFORMATION**

<b>Part Number</b>	<b>Description</b>
<b>RM-M12PVD</b>	Modular Rack - up to 12 individual protection modules
<b>RM12-CAT5-LAN</b>	Protection Module, Solid State CAT5-LAN application with 16 volts clamping voltage
<b>RM12-CAT5-75/POE</b>	Protection Module, Solid State CAT5 with 75 clamping voltage for digital/POE applications
<b>RM12-CAT5-235</b>	Protection Module, Solid State CAT5 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 for pricing\* (MOQ:6)