

SurgeGate Series AC Protection



AC Protection

SurgeGate

M8DBS—PREMIER SERIES 8-OUTLET AC SURGEGATE



Features

- AC protection for telecom systems
- SurgeGate Plus Circuitry
- Eight AC outlets power with four switched outlets
- Diagnostic indicator lights (four)
- Eight foot power cord with right angle plug
- EMI/RFI noise filtration
- Coax protection for four lines: two sets for digital satellite lines and two sets for cable modem, cable TV or HDTV lines
- Telephone protection for one voice or DSL line

Technical Specifications

Designs and specifications are subject to change without notice due to product improvement.

PRODUCT SPECIFICATIONS:

Agency Approval	UL 1363, 1449
LED Indicators	4
Grounding Requirements	Uses Electrical AC Ground
Ground Impedance	N/A
Width	4.25"
Height	12.75"
Depth	1.5"
Weight	2.7 lbs
Product Warranty	Lifetime
Connected Equipment Warranty	Up to \$50,000



For up-to-date warranty information see our web site: www.itwlinx.com



AC SURGE PROTECTION:

SurgeGate Plus Circuitry	Yes
Thermal Fusing	Yes
Catastrophic Surge Circuit	Yes
Over/Undervoltage Voltage Protection	Yes
Overvoltage Voltage Shutoff	147V ±8V
Undervoltage Voltage Shutoff	87V ±8V
Single Pulse Energy Dissipation	1650 Joules
Peak Impulse Current	52,000 A
EMI/RFI Noise Filtration	50db (99.7%)
Line Voltage	120V (50/60Hz)
Initial Clamping Level	200V Peak, 141 Rms
UL 1449 Rating	330V
Protection Modes	L-N, L-G, N-G
Maximum Current Rating	15A (1800W)
Response Time	1-5 Nanoseconds
Plug Configuration	Right Angle
Number of Outlets	8
Switched Outlets	4
Cord Length	8'

SIGNAL LINE SURGE PROTECTION:

TELCO CIRCUIT PROTECTION

Signal Perfect Circuitry	Yes
Fuseless/Auto-Resetttable	Yes
Clamping Level	260V
Response Time	1-5 Nanoseconds
Capacitance	<50pF
Suppression Modes	Metallic & Longitudinal
Wires Protected	2-wire, 1-pair (pins 3, 4)
Termination Type	RJ-11

COAX CIRCUIT PROTECTION

Signal Perfect Circuitry	Yes
Fuseless/Auto-Resetttable	Yes
Response Time	1-5 Nanoseconds
Termination	Coax (Female "F")
Antenna/Cable Lines Protected	2
Antenna/Cable Clamping Level	0.7V
Antenna/Cable Insertion Loss	<1db
Satellite Lines Protected	2
Satellite Clamping Level	27V
Satellite Loss	<1db

LAN CIRCUIT PROTECTION

Signal Perfect Circuitry	N/A
Fuseless/Auto-Resetttable	N/A
Performance Rating	N/A
Clamping Level	N/A
Response Time	N/A
Wires Protected	N/A
Termination Type	N/A

Applications:

- Telephone Systems
- Workstations
- Printers
- Fax Machines
- Copiers
- TVs / VCRs
- Cameras
- Access Controls
- Alarms



More information is available in the Technical Reference section of this catalog, turn to page 86.

Ordering Information

ITW Linx Part Number	Description
M8DBS	8-outlet AC surge protector, with SurgeGate Plus circuitry. Plus protection for one voice or DSL line, two cable modem or HDTV lines and two satellite lines.