

Sold by:



## SurgeGate Series Modular Protection

Modular Protection

### MCO8110—ANALOG STATION SET AND CENTRAL OFFICE LINE PROTECTOR



#### Features

- **Auto-Resetting Technology**—PTC resistors open when a surge occurs, protecting your equipment, but unlike other fuses, the PTCs close again once the surge passes. Less downtime, and less service calls.
- **Expandable System Protection**—SurgeGate Series Base Units and Modules can be attached to expand system protection as your system grows.
- **Lifetime Product Warranty**—This surge protector shall be free of any defects in design, materials, or workmanship, or ITW Linx will repair or replace the defective product.
- **\$50,000 Connected Equipment Warranty**—This ITW Linx product will protect your equipment or we will repair or replace it up to \$50,000!
- **AVAYA** approved product:  
146K, 700209810

#### Technical Specifications

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

##### PRODUCT SPECIFICATIONS:

Agency Approval .....	UL 497A (Secondary)
LED Indicators .....	N/A
Grounding Requirements .....	Uses Electrical AC ground, for use with SurgeGate Series AC Base Units. See Technical Reference page 106–107 for additional grounding tips.
Recommended Ground Impedance .....	< 0.5 Ohm
Width .....	5.87"
Height .....	4.25"
Depth .....	1.5"
Weight .....	0.45 lbs
Product Warranty .....	Lifetime
Connected Equipment Warranty .....	Up to \$50,000



For up-to-date  
warranty information  
see our web site:  
[www.itwlinx.com](http://www.itwlinx.com)



##### AC SURGE PROTECTION:

SurgeGate Plus Circuitry .....	N/A
Protect or Disconnect Circuitry .....	N/A
Thermal Fusing .....	N/A
Catastrophic Surge Circuit .....	N/A
Over/Undervoltage Voltage Protection .....	N/A
Overvoltage Voltage Shutoff .....	N/A
Undervoltage Voltage Shutoff .....	N/A
Single Pulse Energy Dissipation .....	N/A
Peak Impulse Current .....	N/A
EMI/RFI Noise Filtration .....	N/A
Line Voltage .....	N/A
Initial Clamping Level .....	N/A
Clamping Level .....	N/A
Protection Modes .....	N/A
Maximum Current Rating .....	N/A
Response Time .....	N/A
Plug Configuration .....	N/A
Number of Outlets .....	N/A
Switched Outlets .....	N/A
Cord Length .....	N/A

##### SIGNAL LINE SURGE PROTECTION:

###### TELCO CIRCUIT PROTECTION

Signal Perfect Circuitry .....	Yes
Auto-Resetting PTCs .....	160 mA (8–10 Ohms)
Clamping Level .....	260V (T-R, T-G, R-G)
Response Time .....	1–5 Nanoseconds
Capacitance .....	< 50pF
Suppression Modes .....	Metallic & Longitudinal
Wires Protected .....	16-wires (8-pairs)
Termination Type .....	110 punchdown

###### COAX CIRCUIT PROTECTION

Signal Perfect Circuitry .....	N/A
Fuseless/Auto-Resettable .....	N/A
Response Time .....	N/A
Termination .....	N/A
Antenna/Cable Lines Protected .....	N/A
Antenna/Cable Clamping Level .....	N/A
Antenna/Cable Attenuation .....	N/A
Satellite Lines Protected .....	N/A
Satellite Clamping Level .....	N/A
Satellite Attenuation .....	N/A

###### LAN CIRCUIT PROTECTION

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



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

#### Applications:

- Telephone Systems
- Fax Machines

#### Ordering Information

ITW Linx Part Number	Description
MCO8110	Protects up to 16-wires (8-pairs) using 110 punchdown block on the Input and 110 punchdown block on the Output.