

AC HARDWIRED SURGE PROTECTION DEVICE

Model: AHW120/240-25-H1



Features

- Compact design for convenient and effective Surge Protection
- Hybrid protection design for long lasting performance
- Low leakage to Ground
- Heavy duty surge protection
- Green LED "ON" for status monitoring
- Indoor or outdoor installation
- UL1449 4th Edition

Applications

- Service entrance, branch and OEM panels
- Electrical Systems and Equipment
- Protection from lightning, Induction and AC Infrastructure generated Surges
- Indoor and Outdoor Equipment
- Security, Industrial and Telecommunication Systems
- Other commercial applications

General Information

The ITW/Linx AHW Series is a Type 1 Hybrid surge protective device targeted to protect AC powered and connected equipment and systems from the destructive force of surges. These compact state of the art "Hybrid Design" protection modules offer a convenient and modern solution, resulting in reliable operations and long term performance.

Electrical Characteristics

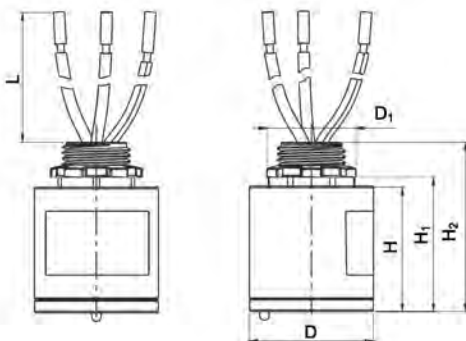
Electrical Distribution System	120/240VAC Single Phase
Nominal (Operating) Voltage	120VAC L-G 240VAC L-L
Maximum Operating Voltage (MCOV)	150VAC L-G 300VAC L-L
Nominal Discharge Current 8/20us (In)	10KA
Maximum Discharge Current 8/20us (Imax)	25KA
Modes of Protection	L1-L2, L1-G, L2-G
Internal Thermal Disconnect	Yes
Operating Frequency	50/60Hz
Short Circuit Current Rating (Scrr)	200KA

Mechanical Characteristics

Enclosure	Non Metallic
Environmental Rating	IP 66 / NEMA 4x
Operating Temperature	-40°C to +85°C
Operating Humidity	0 to 95% non-condensing
Mounting	Straight ½" Nipple
Mechanical Connection to Panel	Conduit Nut
Flat Service Mounting	Convenient Bracket
Weight	1 lbs
Electrical Connection	14 AWG stranded wiring leads, 14 inches max. length
Diagnostics and Status	Green LED ON

Standards and Compliance: UL1449 4th Edition, Type 1
Specifications are subject to change without notice.

The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time. Users should verify actual device performance in their specific applications.



Dimensions (in)

L ^a	H	H ₁	H ₂	D
14"	1.53"	1.65"	2.08"	1.53"

a: The lead length "L" can be customized as required.