

OONO[®]
CZH-LABS.com

Split-phase 120/240VAC Surge Protective Device

Model: F-1078



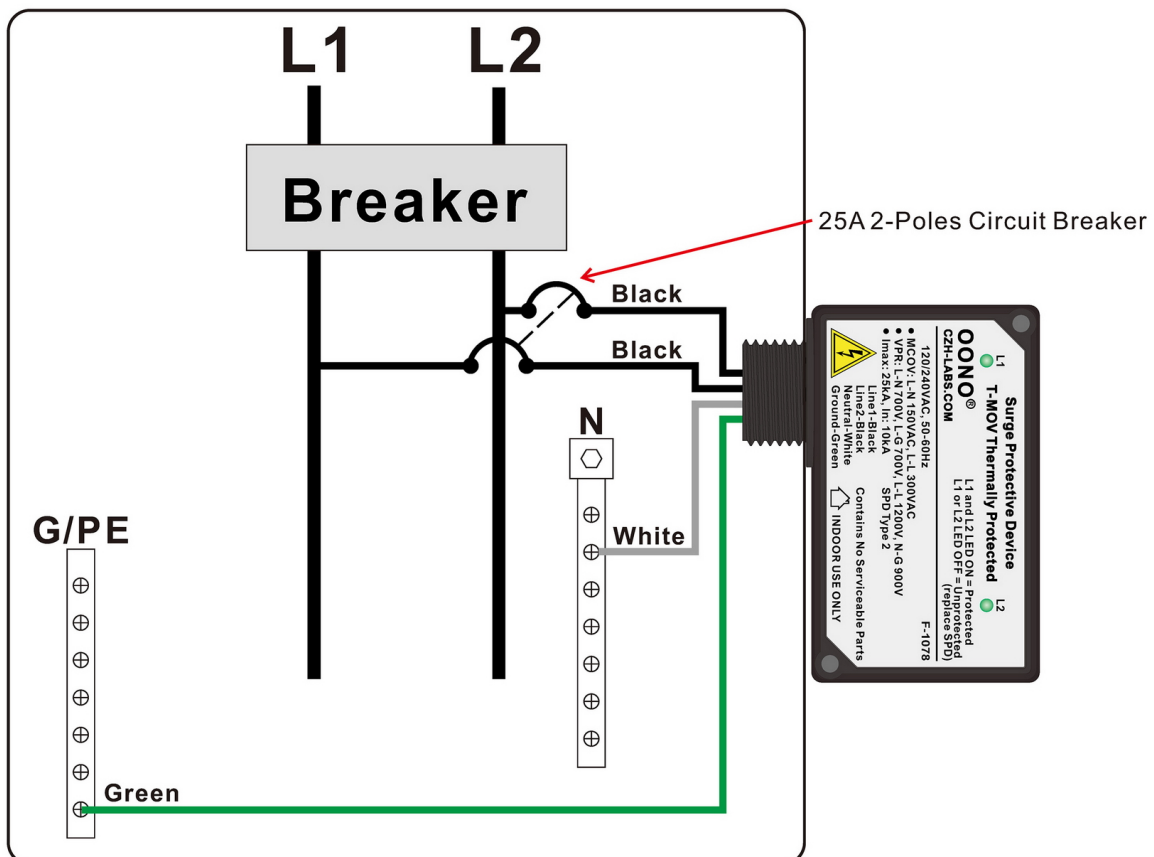
FEATURES:

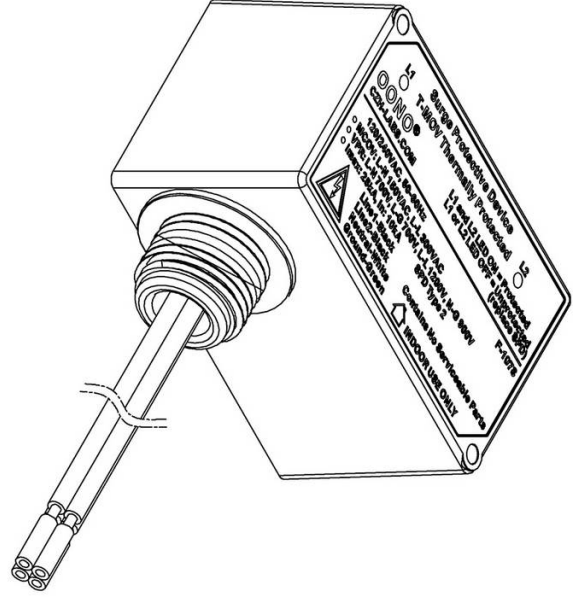
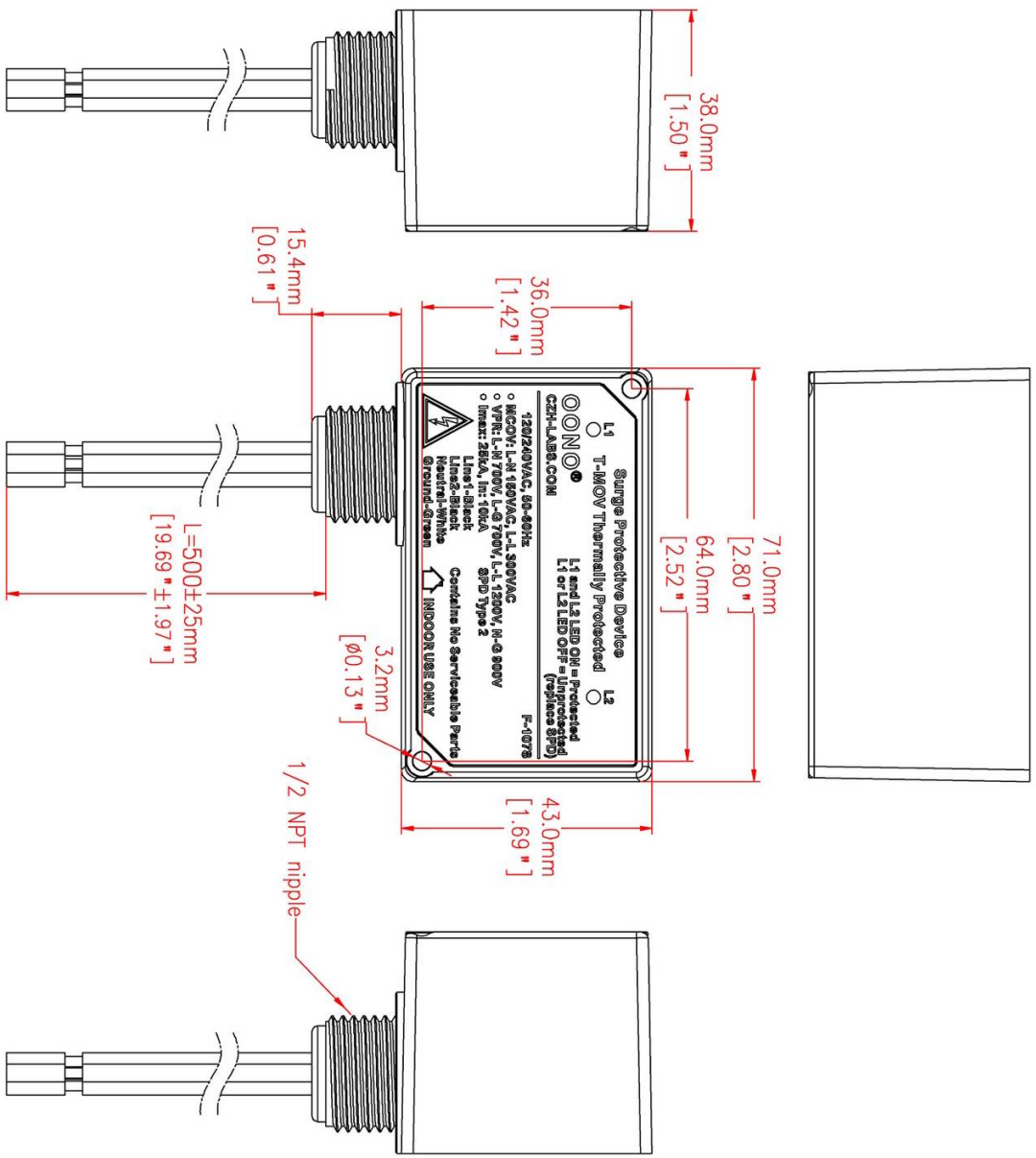
- Split-phase 120/240VAC Surge Protective Device, universally connects to any manufacturer's load center (breaker box), easy to mount cable protection modules. Safeguard your HVAC equipment and home appliances with the Surge Protective Device, offering four modes of protection (L-L, L-N, L-G, N-G) to shield against power surges and prevent potential damage.
- T-MOV surge protection technology: The T-MOV varistors offer quick thermal response due to the close proximity of the integrated thermal element to the MOV body, avoiding the danger of MOV overheating or even burning.
- Two green LED indicators provides the status of protection, ON = protected, OFF = unprotected (must replace SPD).
- Polycarbonate plastic enclosure with a NPT 1/2" mounting nipple, LED indicator and pre-wired for a money-saving installation that is easy and quick.
- Packing list: 1x SPD module, 1x NPT 1/2" Zinc alloy conduit locknut, 2x M3x50mm screws.

SPECIFICATIONS:

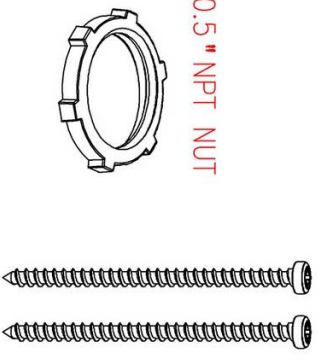
- Normal continuous operating voltage: Split phase 120/240VAC 50-60Hz
- Maximum continuous operating voltage (MCOV): L-N 150VAC, L-L 300VAC
- Voltage Protection Rating (VPR): L-N L-G 700V, L-L 1200V, N-G 900V
- Nominal discharge current (In): 10k Amps (8/20 μ s)
- Maximum discharge current (Imax): 25k Amps (8/20 μ s)
- Wire length: 500mm / 20", UL AWM Style 1015, 16 AWG
- Operating temperature: -20 to 60C / -4 to 140F
- Enclosure material: Polycarbonate plastic.
- Enclosure size: 71mm x 59mm x 38mm / 2.8" x 2.3" x 1.5"
- Net weight: 150g

Application/Installation Schematic

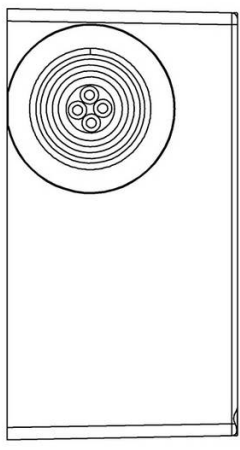




Screw M3*50mm_2pcs



0.5" NPT NUT



| | | | |
|-------------|--------|--------------|------------|
| 00N0® | | czh-labs.com | |
| MODEL NO: | F-1078 | SKU: | MD-F1078-1 |
| PROJECTION: | | UNIT: | mm |

IMPORTANT

- **THIS MODULE OPERATES ON A HAZARDOUS VOLTAGE !**
- **DISCONNECT AC POWER DURING INSTALLATION !**
- **Installation must be done according to local regulations and standards. If any doubt, consult a licensed technician.**
- **This module is not suited for portable applications.**

DANGER !!!

- **Do not open the housing in order to avoid the risk of electroshocks.**
- **This module operates on a dangerous AC voltage !**
- **All repairs should be executed by qualified technicians.**

SAFETY INSTRUCTIONS !!!

- **Do not attempt to disassemble the unit as it does not contain any parts that are to be serviced by the user. (Tampering voids warranty)**
- **Do not touch unused terminals when the module is connected to the AC power.**
- **Handle the module gently and carefully. Dropping it can damage the circuit board and case.**
- **Never exceed the protection limit values indicated in the specifications.**
- **As safety requirement vary, please check with your local authorities.**
- **Disconnect the module from the AC power before connecting new devices.**
- **Wipe the device with a dry and clean cloth. Do not use detergents or other liquids that may damage the housing.**
- **Keep the device away from children.**
- **Facilitate the operation of the device by familiarising yourself with its adjustments and indications.**
- **CZH-LABS and Eelectronics-Salon modules are not suitable for use or as part of life support systems, or systems that might create hazardous situations of kind.**