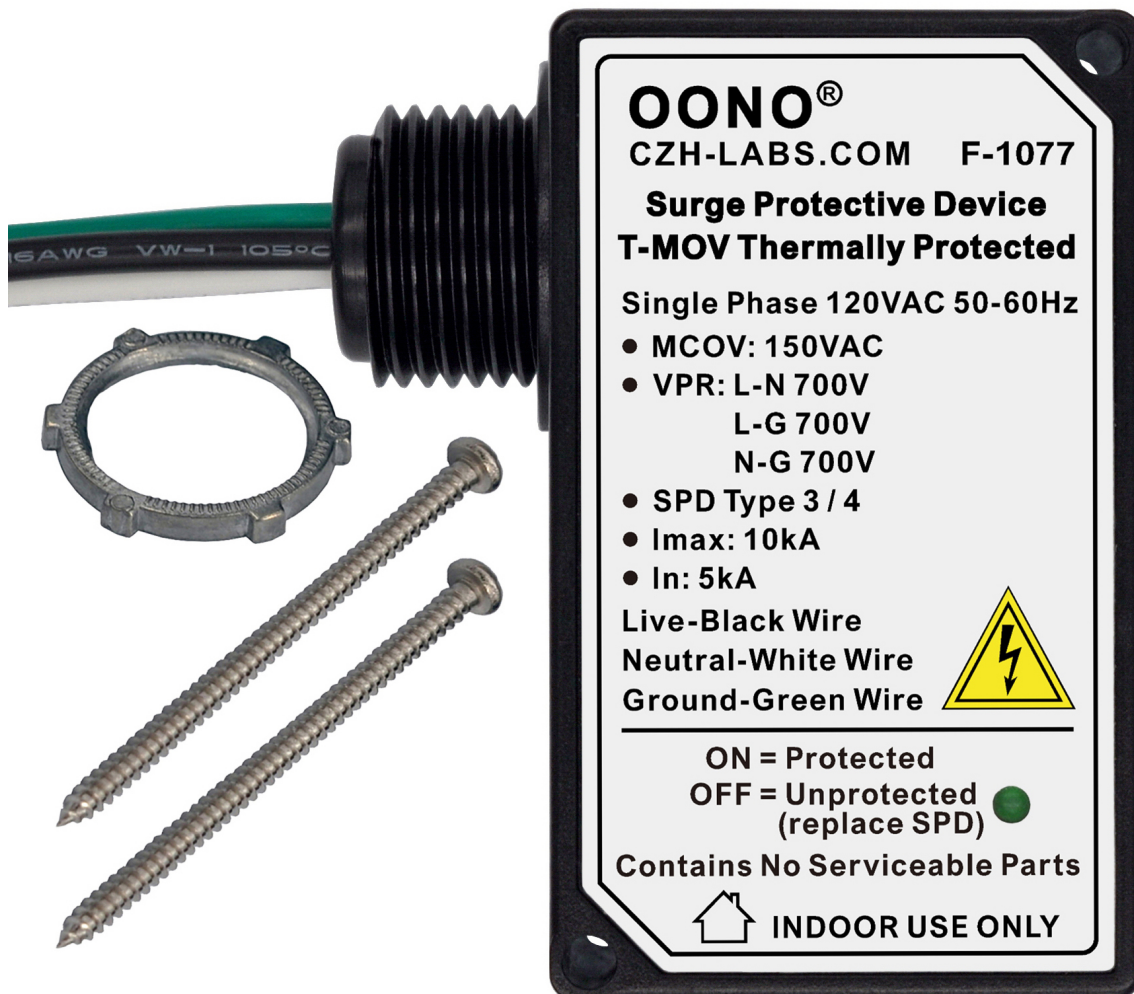


OONO®
CZH-LABS.com

Single Phase AC 120V Surge Protective Device

Model: F-1077



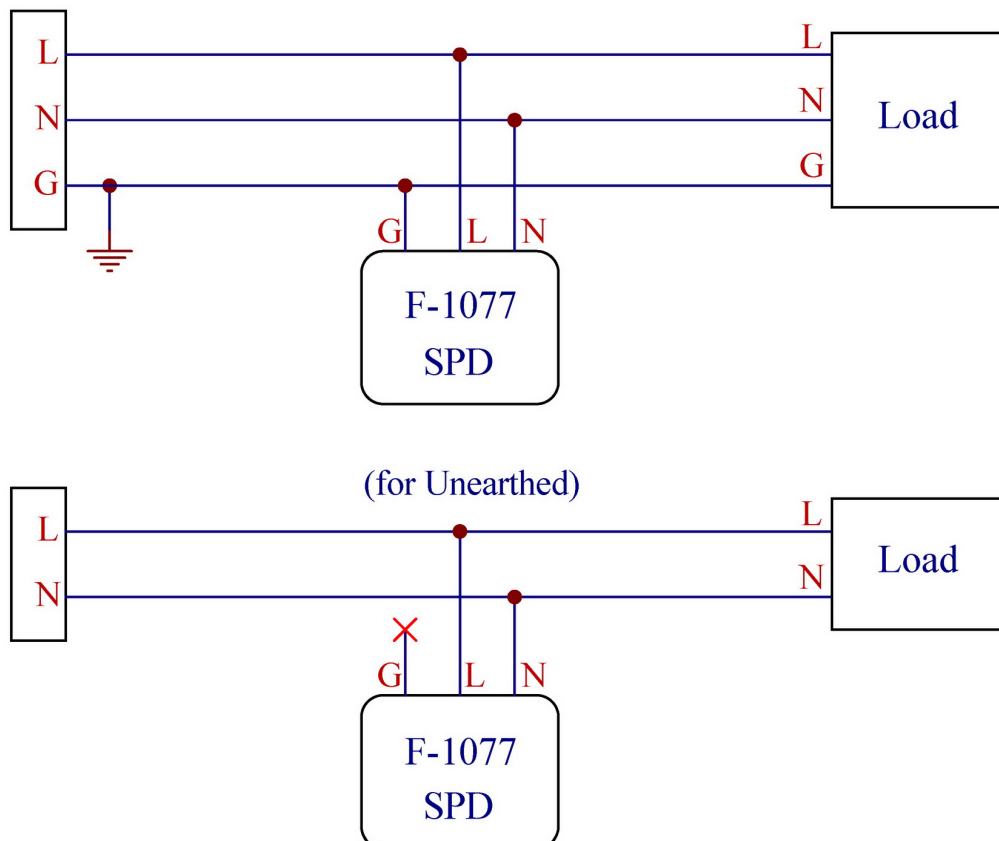
FEATURES:

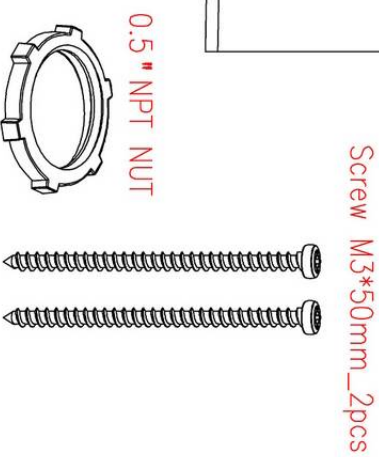
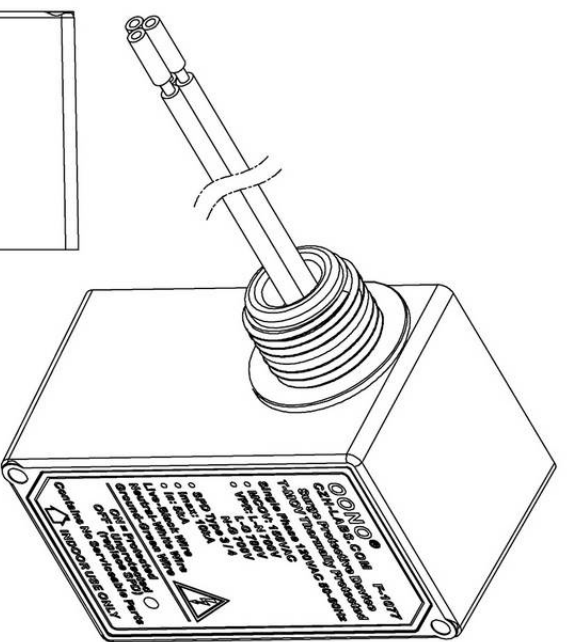
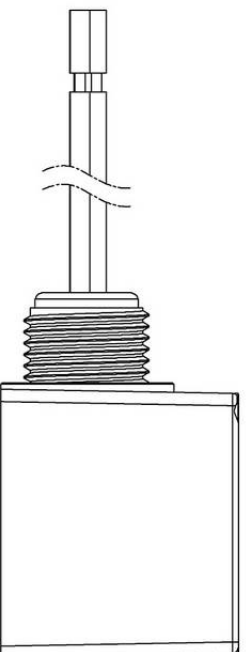
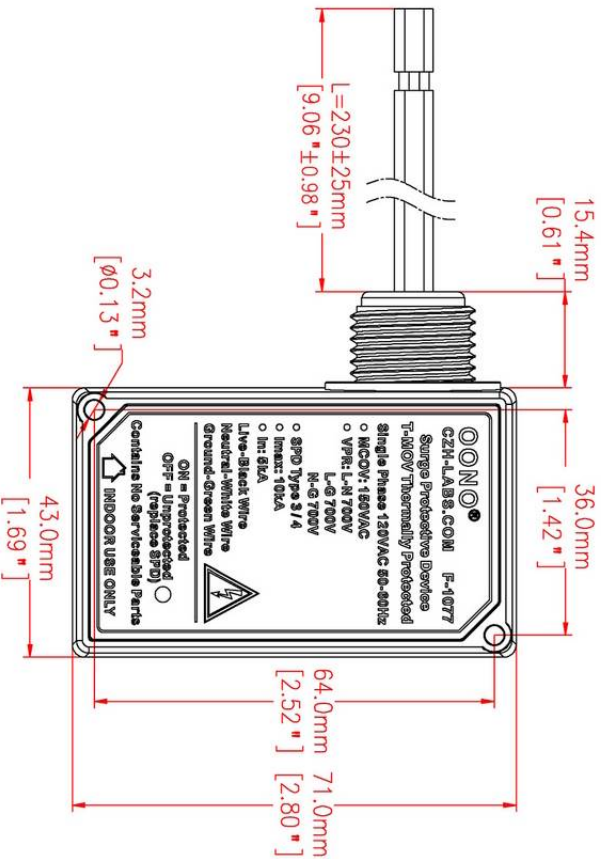
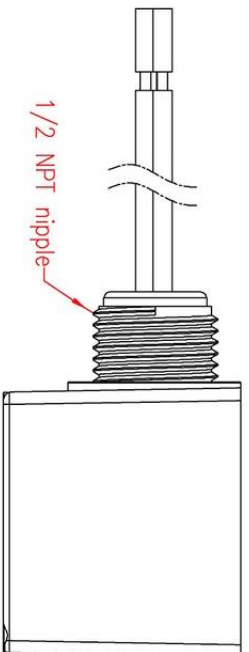
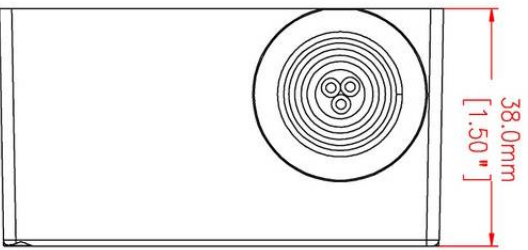
- OONO F-1077, Safeguard your HVAC equipment and home appliances with the Surge Protective Device, offering three modes of protection (L-N, L-G, N-G) to shield against power surges and prevent potential damage.
- T-MOV surge protection technology: The T-MOV varistors offer quick thermal response due to the close proximity of the integrated thermal element to the MOV body, avoiding the danger of MOV overheating or even burning.
- A green LED indicator 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: Single phase 120VAC 50-60Hz
- Maximum continuous operating voltage (MCOV): 150VAC
- Voltage Protection Rating (VPR): 700V, L-N L-G N-G
- Nominal discharge current (In): 5k Amps (8/20 μ s)
- Maximum discharge current (Imax): 10k Amps (8/20 μ s)
- Wire length: 230mm / 9", 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: 76g

Application/Installation Schematic





00N0
 czh-LABS.COM F-1077
 Surge Protective Device
 T-100V Thermally Protected
 Single Phase 120VAC 50-60Hz
 WCDV: 150VAC
 VPR: L-N 700V
 L-G 700V
 R-G 700V
 SPD Type 3/4
 Inlet: 10kVA
 In: 5kA
 Live-Check Wire
 Neutral-White Wire
 Ground-Green Wire
 ON = Protected
 OFF = Unprotected
 (replace SPD)
 Contains No Serviceable Parts
 INDOOR USE ONLY

00N0
 czh-LABS.COM F-1077
 Surge Protective Device
 T-100V Thermally Protected
 Single Phase 120VAC 50-60Hz
 WCDV: 150VAC
 VPR: L-N 700V
 L-G 700V
 R-G 700V
 SPD Type 3/4
 Inlet: 10kVA
 In: 5kA
 Live-Check Wire
 Neutral-White Wire
 Ground-Green Wire
 ON = Protected
 OFF = Unprotected
 (replace SPD)
 Contains No Serviceable Parts
 INDOOR USE ONLY

00N0 [®] czh-labs.com	
MODEL NO:	F-1077
SKU:	MD-F1077-1
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 requirements 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.