

Features

- NEMA 4, IP 65, Highly Durable, Weatherproof Metal Cabinet
- Protection for Sensitive Equipment
- Absorbs Energy from Transients and Electrical Disturbances
- Acts in Nanoseconds
- TMOV (Thermally Protected Metal Oxide Varistors) Technology
- High Frequency Noise Filtering
- Derivative Parallel Connection (Does not Interrupt Load Operation)
- Parallel To Increase Capacity

Solves the following power quality issues

- Voltage Spikes
- Attenuates (EMI & RF) High-frequency Electrical Noise

Applications

- Main, Secondary and Load Centers
- UPS, Regulators, and Emergency Plants
- Data Centers
- Communication Centers
- Laboratories and Medical Equipment
- Audio and Video Recording Studios
- Sensitive and Delicate Loads
- Industrial and Commercial use

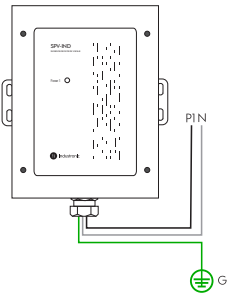
Optional

- Custom design

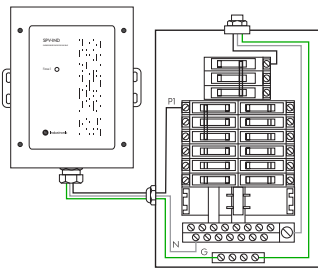


SPV-IND 150 Specs

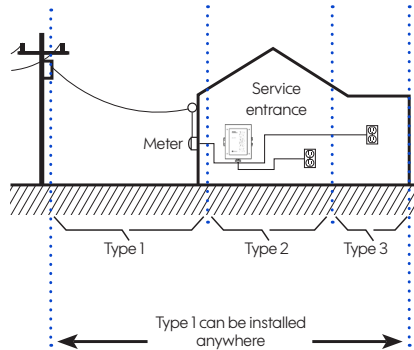
• SPV Wiring



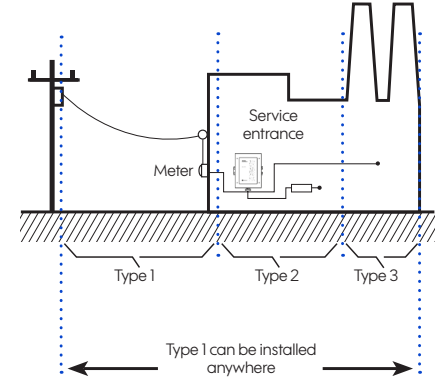
• Wiring to board



• House Connection



• Commercial Building Connection



P= Fase= Black Cable N= Neutral= White Cable G= Ground= Green Cable

Model SPV-IND

150

Electrical

Nominal Voltage (V)	110, 120, 127
Configuration	P, N, G
Voltage Protection (VPR)	700 V (P-N), 700 V (P-G), 700 V (N-G)
Maximum Current Operation Voltage (MCOP)	150 V (P-N, N-G, P-G)
Type / Recommended Application Class	Type 1 and Type 2
Short Circuit Current Range (SCCR)	200 kA
Frequency (Hz)	50 / 60
Protection Modes	3 modes, P-N, P-G, N-G
Nominal Discharge Current (In)	10 kA Phase to Neutral and 10 kA Phase to Ground; 20 kA Tota
Phase Protection Current (kA)	60
Energy Capacity (J)	720
EMI/RFI Filter	Up to 50 dB from 10 kHz to 100 MHz

Mechanical

Cabinet Type	NEMA 4, IP 65, 16 caliber galvanized steel with baked epoxy coating in black
Dimensions: height x width x depth (mm)	200 x 137 x 50
Standard Weight (Kg)	1.0
Connection Type	3 flexible cables AWG 12

Physical

Maximum altitude operation (mamsl)	5,000
Operation Temperature (°C)	0 to 75
Relative Humidity	from 5% to 95% w/o condensation

Applicable

Average Efficiency	100%
Harmonic Distortion	Does not add harmonic distortion to the line
Anti-Ignition System	Thermostable polymer coated varistors and Smoke proof sealed metallic cabinet
Suggested Switch	1 pole, 30 A, 250 Vca
Certifications	NOM, UL 1449, 4th edition

The specifications are subject to changes and modifications without prior notice, due to our commitment of continuous improvement of reliability, design and functionality of our products