

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
- Transient Over Voltages
- Power Surges
- Voltages Surges
- 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

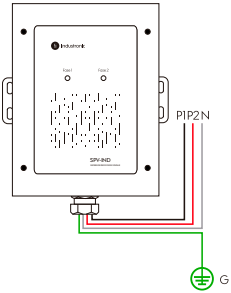
Optional

- Custom design

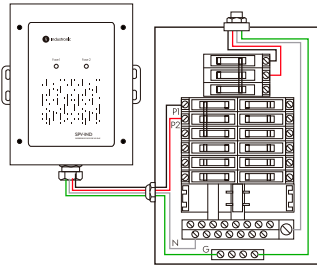


SPV-IND 2100 Datasheet

• SPV Wiring

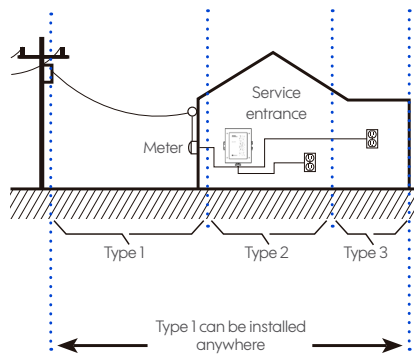


• Wiring to board

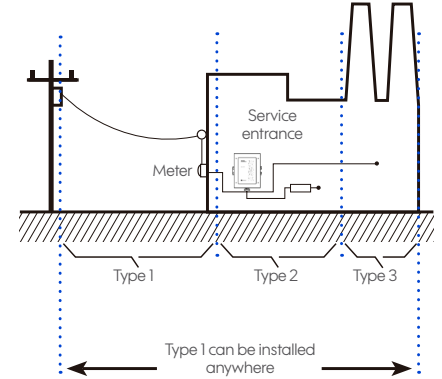


P1= Phase 1= Black Cable N= Neutral= White Cable
 P2= Phase 2= Red Cable T= Ground= Green Cable

• House Connection



• Commercial Building Connection



Model SPV-IND

2100

Model SPV-IND	2100
Electrical	
Nominal Voltage (V)	110/190, 120/208, 127/220
Phases	2
Configuration	P1, P2, N, G
Voltage Protection (VPR)	700V P-N, 700V P-G, 700V N-G, 1400V P-P
Maximum Current Operation Voltage (MCOP)	150V (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	6 Modes (P1-N, P2-N, P1-G, P2-G, N-G, P1-P2)
Nominal Discharge Current (In)	10 kA
Phase Protection Current (kA)	50
Energy Capacity (J)	1200
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)	1.1
Connection Type	4 flexible cables 12AWG
Physical	
Maximum altitude operation (mamsl)	5,000
Operation Temperature (°C)	0 a 70
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