

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

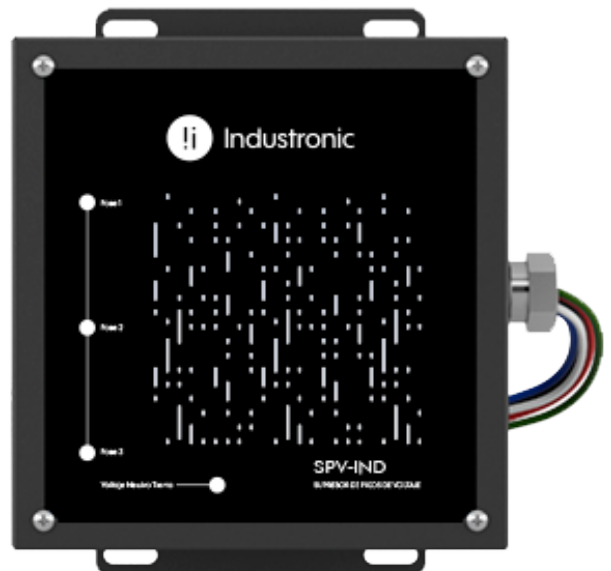
- Voltage Spikes
- Attenuates (EMI & RF) High-frequency Electrical Noise

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

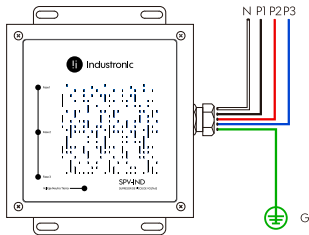
Optional

- Custom design



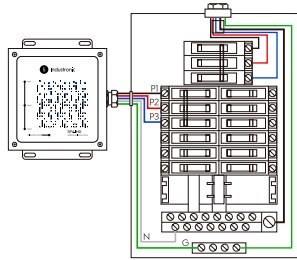
SPV-IND 3000 Specs

• SPV Wiring

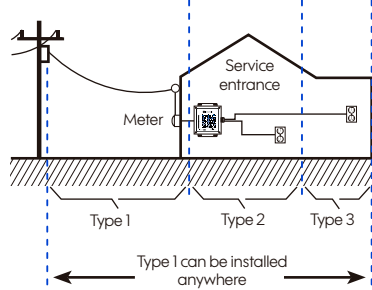


P1= Phase 1= Black Cable
 P2= Phase 2= Red Cable
 P3= Phase 3= Blue Cable
 N= Neutral= White Cable
 T= Ground= Green Cable

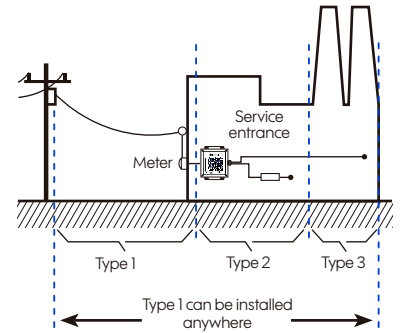
• Wiring to board



• House Connection



• Commercial Building Connection



| Modelos SPV-IND | 050 | 100 | 200 | 400 | 760 | 050 | 100 | 200 | 400 | 530 | |
|---------------------------------------------|--------------------------------------------------------------------------------|------|---------------------------------|------|------------------------------|--------------------------------------------------------|------|------------------------|---------------------------------|-------|--|
| Electrical | | | | | | | | | | | |
| Nominal Voltage | 110 / 190, 120 / 208, 127 / 220 | | | | | 254 / 440, 266 / 460, 277 / 480 | | | | | |
| Phases | 3 | | | | | | | | | | |
| Configuration | Estrella, 3 Fases, N y T | | | | | | | | | | |
| Type / Recommended application class | Type 1, Type 2 y Type 3 | | | | | | | | | | |
| Short Circuit Current Capacity (SCCR) | 200 kA | | | | | | | | | | |
| Nominal Discharge Current (In) | 20 kA | | | | | | | | | | |
| Frequency (Hz) | 50 / 60 | | | | | | | | | | |
| Response time | 1 nanosecond | | | | | | | | | | |
| Protection modes | 10 modes, P1-N, P1-G, P2-N, P2-T, P3-N, P3-G, N-G, P1-P2, P2-P3, P1-P3 | | | | | | | | | | |
| EMI / RFI Filtering | Up to 50 dB from 10 kHz to 100 MHz | | | | | | | | | | |
| Voltage Protection (VPR) | 700 V (P-N), 700 V (P-G), 700 V (N-G), 1400 V (P-P) | | | | | 1200 V (P-N), 1200 V (P-G), 1200 V (N-G), 2400 V (P-P) | | | | | |
| Maximum Continuous Operation Voltage (MCOV) | 150 V (P-N, N-G, P-G) | | | | | 385 V (P-N, N-G, P-G) | | | | | |
| Protection current per phase (kA) | 26 | 40 | 80 | 150 | 300 | 26 | 40 | 80 | 150 | 300 | |
| Three-Phase protection current (kA) | 50 | 100 | 200 | 400 | 760 | 50 | 100 | 200 | 400 | 530 | |
| Energy capacity (J) | 640 | 1280 | 2560 | 4960 | 9440 | 1200 | 1955 | 3910 | 7735 | 10030 | |
| Mechanical | | | | | | | | | | | |
| Cabinet type | NEMA 4, IP 65, 16 caliber galvanized steel with baked epoxy coating in black | | | | | | | | | | |
| Dimensions, height x width x depth (mm) | 260 x 210 x 90 | | | | | | | | | | |
| Standard weight (kgs) | 2.3 | 2.4 | 2.6 | 2.7 | | 2.3 | 2.4 | | 2.6 | 2.7 | |
| Connection type | 5 flexible cables caliber AWG 10 | | 5 flexible cables caliber AWG 8 | | 5 flexible cables cal. AWG 6 | 5 flexible cables caliber AWG 10 | | | 5 flexible cables caliber AWG 8 | | |
| Physical | | | | | | | | | | | |
| Operational altitude (m s.n.m.) | 5,000 | | | | | | | | | | |
| Operational temperature (°C) | -40 a 70 | | | | | | | | | | |
| LED indicator activation time | < 1 second | | | | | | | | | | |
| Relative humidity | from 5% to 95% without condensation | | | | | | | | | | |
| Applicable characteristics | | | | | | | | | | | |
| Average efficiency | 100% | | | | | | | | | | |
| Harmonic distortion | Does NOT add harmonic distortion to the line | | | | | | | | | | |
| Anti-ignition system | Thermostable polymer encapsulated varistors & smoke proof sealed metal cabinet | | | | | | | | | | |
| LED Indicator | Phase failure, phase loss & current between neutral and ground | | | | | | | | | | |
| Audible indicator | In case of failure or phase loss | | | | | | | | | | |
| Remote monitoring | Dry contact signal (NA, NC, COM) | | | | | | | | | | |
| Suggested switch type | 3 poles, 30 A, 250 Vca | | | | | 3 poles 50 A 250 Vca | | 3 poles, 30 A, 600 Vca | | | |
| Certifications | NOM, UL 1449 3rd Edition; components comply to UL94V-0 | | | | | | | | | | |

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