PSP PRODUCTS

Category 5 Hurricane

Service Entrance and Panel Surge Protector

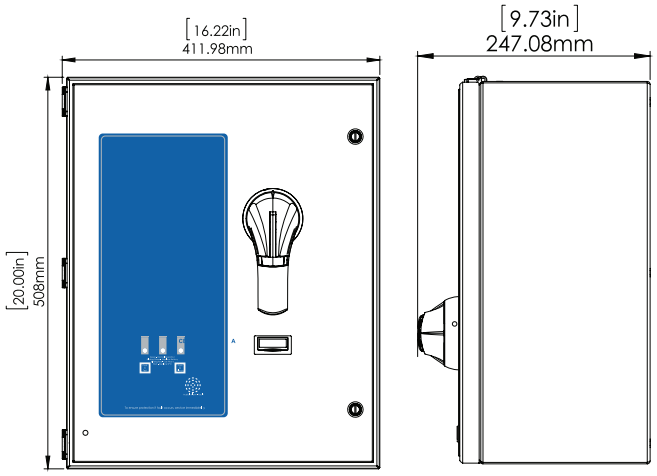


Features

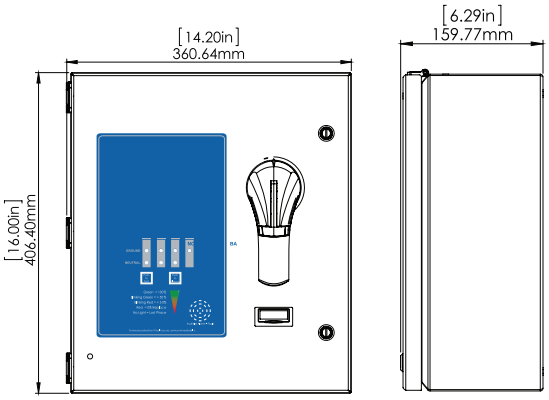
- Imax: 240–750kA per phase
- In: 20kA
- Thermally fused metal oxide varistor (TFMOV) suppression with added gas discharge tube (GDT) technology
- Real-time LED indicators, audible alarm with silence remote contacts, push to test and surge counter with reset
- Sine wave tracking
- EMI/RFI noise filtration (-40db)
- Field replaceable modules
- All Mode Protection
- NEMA 4 (IP66) indoor/outdoor rated steel enclosure
- 10 year warranty

Add-On Options

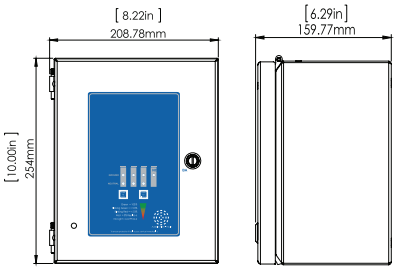
- External disconnect
- NEMA 4X External disconnect
- NEMA 4X stainless steel, polycarbonate



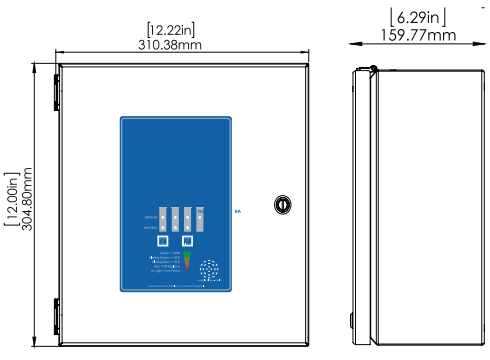
750 Imax



240-500 Imax



240 Imax



400-500 Imax

PSP PRODUCTS

Category 5 Hurricane

Service Entrance and Panel Surge Protector

Part Number Breakdown

C5H#-###-###-#

- **Add on options: DS**=Disconnect
- **NEMA Rating: 4M**=NEMA 4 Metal, **4XS**=NEMA 4X Stainless Steel, **4XP**=NEMA 4X Polycarbonate
- **Surge Rating Identifier: 240**=240kA/phase, **400**=400kA/phase, **500**=500kA/phase, **750**=750kA/phase
- **Voltage Identifier: 1**=120/240 single phase, **2**=120/208 3-phase Wye, **3**=120/120/240 3-phase high-leg Delta, **4**=277/480 3-phase Wye, **5**=480 3-phase Delta, **6**=347/600 3-phase Wye, **8**=240/415 3-phase Wye, **9**=240 3-phase Delta

Description	C5H1	C5H2	C5H3	C5H4	C5H5	C5H6	C5H8	C5H9
Operating Current (Ic)	<10 mA	<10 mA	<30 mA	<10 mA	<30 mA	<10 mA	<10 mA	<30 mA
Follow Current (If)	None							
Maximum Leakage Current (Ipe)	1 mA							
Maximum Recommended Fuse if Any	200 A, Class J							
Frequency (f)	50/60/400 Hz							
Nominal Discharge Current Per Mode (In)	20kA							
Maximum Discharge Current (Imax)	240–750kA (Depending on Model)							
Short Circuit Current Rating (SCCR)	200kA							
Sine Wave Tracking	Yes							
EMI/RFI Filtering	1283 Electromagnetic Interference Filter (-40 dB)							
Thermal Disconnecter	UL 60691							
Overload Disconnecter	Internal to Each Device							
Operating Temperature	-50 to +85°C							
Maximum Operating Altitude	13,000 ft (4,000m)							
Relative Humidity	5 to 95% Non-Condensing, up to 100% External							
Connection	By Screw Terminals, AWG Depends on Version							
Remote Signal Indicator	250Vac Max, 2A							
Housing-Enclosure Material	NEMA 4 Metal Standard, Stainless Steel or Polycarbonate Option (NEMA 4X)							
Mounting Type	Wall Mounting by Screws (Not Included)							
Environmental Rating	IP66							
Standards Compliance								
IEC 61643-1 - INTERNATIONAL	Class I & II							
EN 61643-11 - EUROPE	Class I & II							
NF EN 61643-11 - FRANCE	Class I & II							
UL1449 4th Edition - USA	Type 1							
UL1449 4th Edition - CANADA	Type 2							
CSA C22.2 No. 8-M1986	Class 9091 32, Class 9091 92							
RoHS	Directive 2002/95/EC							
UL1283 - USA	Listed							
UL96A	Compliant							