

## Diagnostic Monitoring

- 100% monitoring – Every MOV is monitored, incl. N-G
- Green LED Status indicator per phase
- Red LED service indicator
- Phase Loss monitoring (toggles LED & dry contacts)
- Electrically isolated circuitry ensures surges do not damage diagnostics
- Optional Audible Alarm & Form C Dry Contact



## Standard Equipment Features

- UL 1449 Third Edition Listed (Sept 2009)
- 100kA – 200kA per phase ratings
- Type 1 SPD –  
All UL required OCP & Safety Coordination included inside  
Can be installed line-side or load-side of main disconnect
- 20kA Inominal (most models)
- 200kA SCCRs (most models)
- UL 96A Lightning Protection Master Label compliant (@20kA  $I_n$ )
- Voltage Specific Design – Highly configurable
- All MOV suppression elements monitored

## Optional Features

- Audible Alarm & Dry Contacts, Form C, 240V, 5A
- Type 2 SPD Bearing cUL Mark

# System Specifications

<b>PERFORMANCE SPECIFICATRIONS</b>			
Surge Capacities	L-N	L-G	N-G
100kA / Phase	50kA	50kA	50kA
150kA / Phase	100kA	50kA	50kA
200kA / Phase	100kA	100kA	100kA
<b>ENVIRONMENT</b>			
➤ Temperature	-25° to 60° F (-15° to 140° C)		
➤ Altitude	0 - 9000 Feet		
➤ Humidity	0 – 95% Non-Condensing		
➤ Operating Frequency	47 – 63Hz		
➤ Weight	5 lbs		
➤ Enclosure	NEMA 4X		

<b>MODELS AVAILABLE FOR C1 – 100/200</b>								
Voltage Protection Ratings (VPR – 3kA)								
	L-N	L-G	N-G	L-L	Type	In	SCCR	MCOV
240/120V Split Ø	700	700	600	1000	Type 1	20kA	100kA	150
208Y/120V 3 Ø Wye	700	700	600	1000	Type 1	20kA	200kA	150
240Y/120V B High Leg Delta	700/1200	700/1200	600	1000/2000	Type 1	20kA	200kA	150/320
480Y/277V 3 Ø Wye	1200	1200	1200	2000	Type 1	20kA	200kA	320
480V 3 Ø Delta	-	1800	-	2000	Type 1	10kA	200kA	550
600Y/347V 3 Ø	1500	1500	1500	2500	Type 1	10kA	200kA	420

Power Systems & Controls reserves the right to improve, enhance and modify the features and specifications of its products and services without prior notification.

**POWER SYSTEMS**  
**& CONTROLS**  
**THE POWER IS ON!**