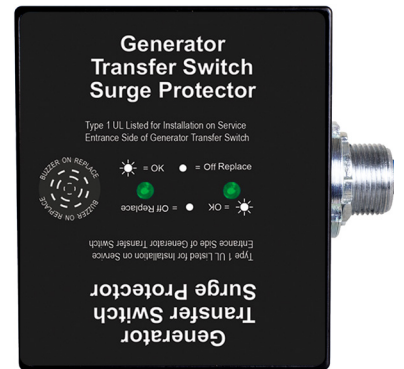




HC1C100-06N
Single-Phase
General Purpose
SPD



HCxC100-06N
Three-Phase
Commercial/Residential
SPD



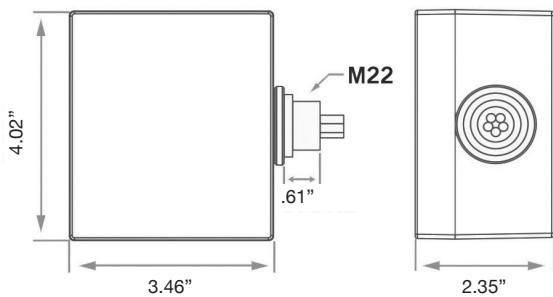
HGEN100-06N
Single-Phase
Gen. Transfer Switch
SPD

Features

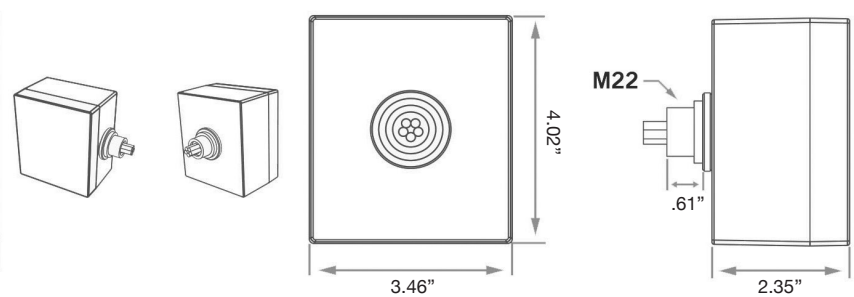
- UL 1449 4th edition type 1 listed
- I_{max}: 100 kA per phase
- Thermally fused metal oxide varistor suppression with gas-tube technology
- Real-time per phase LED indicators and audible alarm
- NEMA 6 (IP66) indoor/outdoor rated enclosure
- In: 20 kA
- Short circuit current rating (SCCR) 150 kAIC
- Lead length: 24" / #12 AWG
- Meets UL 96A lightning protection master label
- Designed to allow installation inside of electrical panel
- Lifetime warranty - single phase
- 25 year warranty - three phase

Dimensions

Version A - Standard



Version B - Custom Order



(.5" NPT Adapter Included)

Part Number Breakdown

Hxxx100-06N-x

● Add on options: F=Flush Mount Cover

● Voltage Identifier: C1C=120/240 single phase, GEN=120/240 single phase, C2C=120/208 3-phase Wye, C4C=277/480 3-phase Wye, C5C=480 3-phase Delta, C6C=347/600 3-Phase Wye, C7C=600 3-Phase Delta, C9C=240 3-Phase Delta

Specifications

Description		HC1C100-06N	HGEN100-06N	HC2C100-06N	HC4C100-06N	HC5C100-06N	HC6C100-06N	HC7C100-06N	HC9C100-06N	
System Voltage	VAC	120/240	120/240	120/208	277/480	480	347/600	600	240	
System Wiring		3W+G (Single Phase)	3W+G (Single Phase)	4W+G (3-Phase Wye)	4W+G (3-Phase Wye)	3W+G (3-Phase Delta)	4W+G (3-Phase Wye)	3W+G (3-Phase Delta)	3W+G (3-Phase Delta)	
Maximum Operating Voltage	MCOV (V)	L-N	140	140	140	320	550			
		N-G	120	120	120	240	550			
		L-G	140	140	140	320	550	550	750	275
		L-L	280	280	280	550	550	750	750	275
Voltage Protection Rating	VPR (V)	L-N	700	700	700	1,200	1,800			
		N-G	1,200	1,200	1,200	1,200	1,800			
		L-G	1,200	1,200	1,200	1,500	1,500	1,800	2,000	1,500
		L-L	1,200	1,200	1,200	2,500	2,500	1,800	2,000	2,000
Operating Current	Ic	<10 mA	<10 mA	<10 mA	<10 mA	<30 mA	<10 mA	<30 mA	<30 mA	
Follow Current	If	None								
Maximum Leakage Current	Ipe	1 mA								
Maximum Recommended Fuse if Any	Rating	200 A, Class J								
Frequency	f	50/60/400 Hz								
Nominal Discharge Current Per Mode	In (8/20 μs)	20 kA								
Maximum Discharge Current Per Phase	I _{max} (8/20 μs)	100 kA								
Short Circuit Current Rating	SCCR	150 kA								
Standard's Compliance or Recognition		UL 1449 4th Edition Type 1 listed, cUL listed								
EMI/RFI Filtering		1283 Electromagnetic Interference Filter (-40 dB)								
Thermal Disconnecter		Internal to Each Component								
Overload Disconnecter		Internal to Each Device								
Failure Indicators		LED & Audible Alarm								
Operating Temperature		-40 to +185°F (-40 to +85°C)								
Housing-Enclosure Material		Cast Aluminum								
Mounting Type		Nipple Mount								
Environmental Rating		NEMA 6, IP65, IP66								
Installation Location		Indoor/Outdoor								