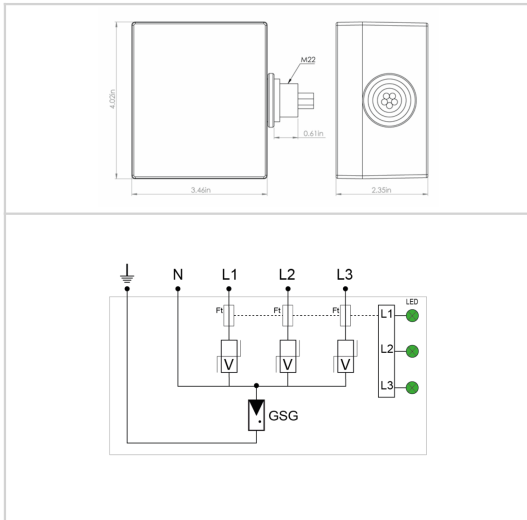




- Hybrid MOV-GSG Technology
- UL1449 Type 2 LISTED
- 50kA Surge Current Rating per mode
- Extended life with no leakage current
- Visual LED fault indicator and audible alarm
- NEMA 6 (exceeds NEMA 4X or 4)
- UL1283 Filter
- 10-Year warranty



Electrical Characteristics		
Network		120/208 V 3-phase
Total Maximum discharge current max. total withstand @ 8/20 μ s	Imax Total	50 kA
Let through Voltage Ures at 20kA	V	1500.0000
POWER SPD TYPE		UL1449 TYPE 2 LISTED
VOLTS	(V)	120/208
AC/DC/DC PV/RF		AC
PHASE	(PH)	3Y
AMPS	(A)	N/A
AMBIENT MIN	(C)	-35
AMBIENT MAX	(C)	+80
MODES		L-L, L-N, L-G, N-G
VPR	(V)	1200/700/1200/1200
MCOV	(V)	280/140/140/120
IN	(kA)	20
15 impulses 8/20 μ s		
SCCR	(kA)	150
IMAX	(kA)	50
8/20 μ s		
Option		
RFI Filter		Yes
Installation		
Operating TemperatureMin	$^{\circ}$ C	-40.0000
Operating TemperatureMax	$^{\circ}$ C	85.0000
Operating TemperatureMin	$^{\circ}$ F	-40.0000
Operating TemperatureMax	$^{\circ}$ F	85.0000
Operating Relative HumidityMax	%RH	Can be submerged
Operating AltitudeMin	Ft	2000.0000
Operating AltitudeMax	Ft	6500.0000
Housing/Enclosure material		Aluminum cast
Mounting		Side mount
IP Environmental ratingIP		IP66
NEMA Environmental ratingNEMA		NEMA 6
Installation Location		Indoor / outdoor
Accessories		brackets
Product DimensionL	mm	102.0000
Product DimensionH	mm	62.0000
Product DimensionW	mm	88.0000
Product DimensionL	In	4.0160
Product DimensionH	In	2.4410
Product DimensionW	In	3.4650
Miscellaneous		
Individual Pack		Yes
Storage TemperatureMin	$^{\circ}$ C	-40.0000
Storage TemperatureMax	$^{\circ}$ C	85.0000
Storage TemperatureMin	$^{\circ}$ F	-40.0000
Storage TemperatureMax	$^{\circ}$ F	85.0000
Mechanical Characteristics		
Connection to Network		By wire 15 AWG (1.5mm ²). long. 600mm
Weight		1.086 kg
TECHNOLOGY		MOV-GSG
NETWORK CONFIGURATION		3PH, 4W+G, Wye
CONNECTION METHOD		36" #12 AWG LEADS
MOUNTING		SIDE MOUNT, THREADED M22 (1/2" NPT ADAPTER)
MATERIAL		Aluminum cast
NEMA RATING (IP RATING)		6
FAIL-SAFE BEHAVIOR		Yes, no upstream over current protection required
REAL-TIME DIAGNOSTICS		LED and audible alarm
DIMENSIONS		See diagram
WEIGHT		2.5 lbs.



M50F-120Y-A

Standards	
UL STANDARD	UL1449 5th Edition
UL CATEGORY	VZCA, VZCA7
UL FILE NUMBER	E326289
STANDARDS	NOM-003-SCFI-2014, NOM-001-SCFI-1993
ENVIRONMENTAL STANDARDS	ROHS
Part number	
750101	

