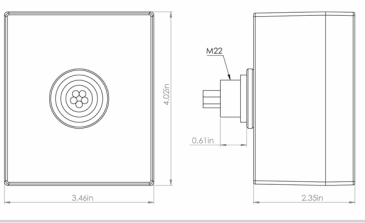
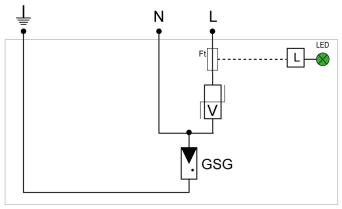
M50F-120S-B

- Hybrid MOV-GSG Technology
- UL1449 Type 1 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)
- 10-Year warranty





Electrical Characteristics		
Let through Voltage *Ures at 20kA*	V	1500.0000
POWER SPD TYPE		UL1449 TYPE 2 LISTED
VOLTS	(V)	120
AC/DC/DC PV/RF		AC
PHASE	(PH)	1
AMPS	(A)	N/A
AMBIENT MIN	(C)	-40
AMBIENT MAX	(C)	+80
MODES		L-L, L-G, L-N, N-G
VPR	(V)	700/1200/1200
MCOV	(V)	140/140/120
IN *15 impulses 8/20µs*	(kA)	20
SCCR	(kA)	150
IMAX *8/20µs*	(kA)	50
Option		
RFI Filter		Yes
Installation		
Operating Temperature*Min*	°C	-40.0000
Operating Temperature*Max*	°C	85.0000
Operating Temperature*Min*	°F	-40.0000
Operating Temperature*Max*	°F	85.0000
Operating Relative Humidity*Max*	%RH	Can be submerged
Operating Altitude*Min*	Ft	2000.0000
Operating Altitude*Max*	Ft	6500.0000
Housing/Enclosure material		Aluminum cast
Mounting		Side mount
IP Environmental rating*IP*		IP66
NEMA Environmental rating*NEMA*		NEMA 6
Installation Location		Indoor / outdoor
Accessories		brackets
Product Dimension*L*	mm	102.0000
Product Dimension*H*	mm	62.0000
Product Dimension*W*	mm	88.0000
Product Dimension*L*	In	4.0160
Product Dimension*H*	In	2.4410
Product Dimension*W*	In	3.4650
Miscelaneous		
Individual Pack		Yes
Storage Temperature*Min*	°C	-40.0000
Storage Temperature*Max*	°C	85.0000
Storage Temperature*Min*	°F	-40.0000
Storage Temperature*Max*	°F	85.0000
Mechanical Characteristics		
TECHNOLOGY		MOV-GSG
NETWORK CONFIGURATION		1PH, 2W+G, Single
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.
Standards		
Environmental standards		EU RoHS
UL STANDARD		UL1449 5th Edition

M50F-120S-B

UL CATEGORY		VZCA, VZCA7
UL FILE NUMBER		E326289
STANDARDS		NOM-003-SCFI-2014, NOM-001-SCFI-1993
Part number		
750113		