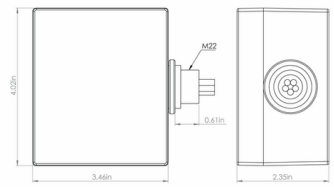
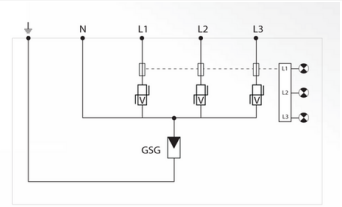
M50F-120Y-A



- 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		
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 *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		
Weight		1.086 kg
TECHNOLOGY		MOV-GSG
NETWORK CONFIGURATION		3PH, 4W+G, Wye
CONNECTION METHOD		36" #12 AWG LEADS
MOUNTING		SIDE MOUNT, THREADED M22 (1/4" NPT ADAPTER)
MATERIAL		Aluminum cast
NEMA RATING (IP RATING)		NEMA 6P (IP67)
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		
89750101		