

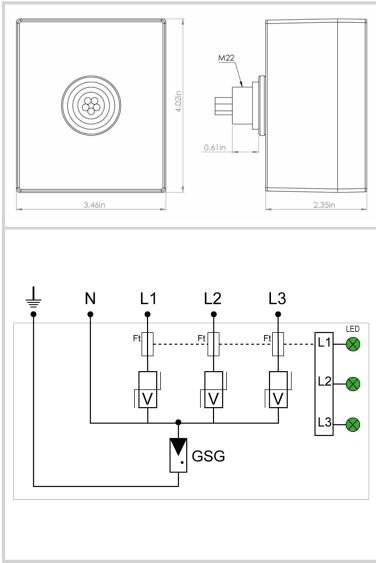


CITEL



M50F-120Y-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 <i>Ures</i> 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
Miscellaneous		
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		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.
Standards		
Environmental standards		EU RoHS
UL STANDARD		UL1449 5th Edition



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M50F-120Y-B

UL CATEGORY	VZCA, VZCA7
UL FILE NUMBER	E326289
STANDARDS	NOM-003-SCFI-2014, NOM-001-SCFI-1993
Part number	
750111	

