

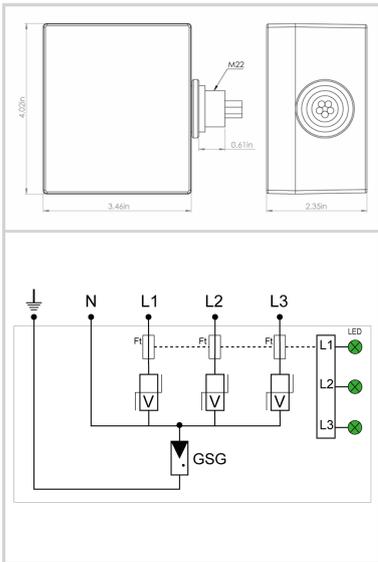


CITEL



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		
Network		120/208 V 3-phase
Nominal line voltage	Un	120 Vac
Max. AC operating voltage	Uc	150 Vac
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	I _{max}	50 kA
Total Maximum discharge current <i>max. total withstand @ 8/20 μs</i>	I _{max} Total	50 kA
Protection level L/N <i>@ In (8/20μs)</i>	Up L/N	1200 V
Let through Voltage <i>Ures at 20kA</i>	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 <i>15 impulses 8/20μs</i>	(kA)	20
SCCR	(kA)	150
IMAX <i>8/20μs</i>	(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		
Connection to Network		By wire 15 AWG (1.5mm ²). long. 600mm
Mounting		Bulkhead (3/4)
Operating temperature	Tu	-40/+85°C



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M50F-120Y-A

Protection rating	IP66
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
UL CATEGORY	VZCA, VZCA7
UL FILE NUMBER	E326289
STANDARDS	NOM-003-SCFI-2014, NOM-001-SCFI-1993
Part number	
750101	

