



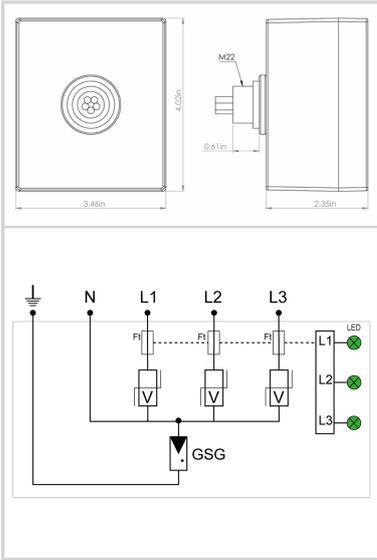
CITEL



UL TYPE 1 SPD - I_{max} 50kA - I_n 20kA - AC Panel Mount

M50-120Y-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 1 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
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		BACK MOUNT, THREADED M22 (1/2" NPT ADAPTER)
MATERIAL		Aluminum cast
NEMA RATING (IP RATING)		6 (IP66)
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



CITEL

UL TYPE 1 SPD - I_{max} 50kA - In 20kA - AC Panel Mount

M50-120Y-B

STANDARDS	NOM-003-SCFI-2014, NOM-001-SCFI-1993
Part number	
751111	

