

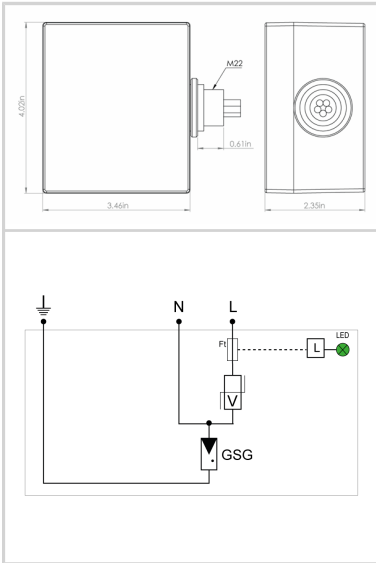


CITEL



M50F-230S-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 <i>Ures at 20kA</i>	V	1500.0000
POWER SPD TYPE		UL1449 TYPE 2 LISTED
VOLTS	(V)	230
AC/DC/DC PV/RF		AC
PHASE	(PH)	1
AMPS	(A)	N/A
AMBIENT MIN	(C)	-35
AMBIENT MAX	(C)	+80
MODES		L-L, L-G, L-N, N-G
VPR	(V)	1200/1500/1200
MCOV	(V)	280/280/140
IN <i>15 impulses 8/20µs</i>	(kA)	20
SCCR	(kA)	150
IMAX <i>8/20µs</i>	(kA)	50
Installation		
Operating Temperature <i>Min</i>	°C	-40.0000
Operating Temperature <i>Max</i>	°C	85.0000
Operating Temperature <i>Min</i>	°F	-40.0000
Operating Temperature <i>Max</i>	°F	85.0000
Operating Relative Humidity <i>Max</i>	%RH	Can be submerged
Operating Altitude <i>Min</i>	Ft	2000.0000
Operating Altitude <i>Max</i>	Ft	6500.0000
Housing/Enclosure material		Aluminum cast
Mounting		Side mount
IP Environmental rating <i>IP</i>		IP66
NEMA Environmental rating <i>NEMA</i>		NEMA 6
Installation Location		Indoor / outdoor
Accessories		brackets
Product Dimension <i>L</i>	mm	102.0000
Product Dimension <i>H</i>	mm	62.0000
Product Dimension <i>W</i>	mm	88.0000
Product Dimension <i>L</i>	In	4.0160
Product Dimension <i>H</i>	In	2.4410
Product Dimension <i>W</i>	In	3.4650
Miscellaneous		
Individual Pack		Yes
Storage Temperature <i>Min</i>	°C	-40.0000
Storage Temperature <i>Max</i>	°C	85.0000
Storage Temperature <i>Min</i>	°F	-40.0000
Storage Temperature <i>Max</i>	°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-230S-A

UL CATEGORY	VZCA, VZCA7
UL FILE NUMBER	E326289
STANDARDS	NOM-003-SCFI-2014, NOM-001-SCFI-1993
Part number	
750303	

