

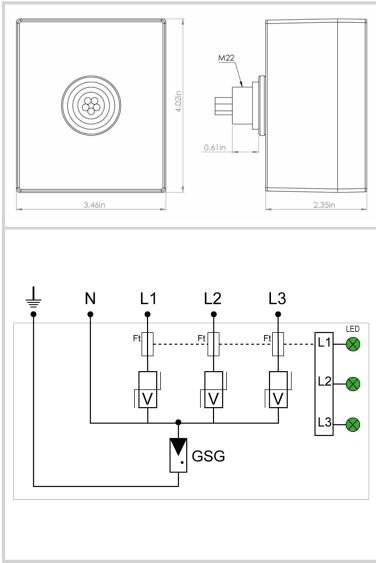


# CITEL



## M50F-277Y-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	V	1500.0000
<i>Ures</i> at 20kA		
POWER SPD TYPE		UL1449 TYPE 2 LISTED
VOLTS	(V)	277/480
AC/DC/DC PV/RF		AC
PHASE	(PH)	3Y
AMPS	(A)	N/A
AMBIENT MIN	(C)	-40
AMBIENT MAX	(C)	+80
MODES		L-L, L-N, L-G, N-G
VPR	(V)	2500/1200/1500/1200
MCOV	(V)	560/320/320/280
IN	(kA)	20
15 impulses 8/20 $\mu$ s		
SCCR	(kA)	150
IMAX	(kA)	50
8/20 $\mu$ s		
Installation		
Operating Temperature <sub>Min</sub>	°C	-40.0000
Operating Temperature <sub>Max</sub>	°C	85.0000
Operating Temperature <sub>Min</sub>	°F	-40.0000
Operating Temperature <sub>Max</sub>	°F	85.0000
Operating Relative Humidity <sub>Max</sub>	%RH	Can be submerged
Operating Altitude <sub>Min</sub>	Ft	2000.0000
Operating Altitude <sub>Max</sub>	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 <sub>L</sub>	mm	102.0000
Product Dimension <sub>H</sub>	mm	62.0000
Product Dimension <sub>W</sub>	mm	88.0000
Product Dimension <sub>L</sub>	In	4.0160
Product Dimension <sub>H</sub>	In	2.4410
Product Dimension <sub>W</sub>	In	3.4650
Miscellaneous		
Individual Pack		Yes
Storage Temperature <sub>Min</sub>	°C	-40.0000
Storage Temperature <sub>Max</sub>	°C	85.0000
Storage Temperature <sub>Min</sub>	°F	-40.0000
Storage Temperature <sub>Max</sub>	°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
UL CATEGORY		VZCA, VZCA7
UL FILE NUMBER		E326289



# CITEL

## M50F-277Y-B

STANDARDS	NOM-003-SCFI-2014, NOM-001-SCFI-1993
<b>Part number</b>	
<b>750511</b>	

