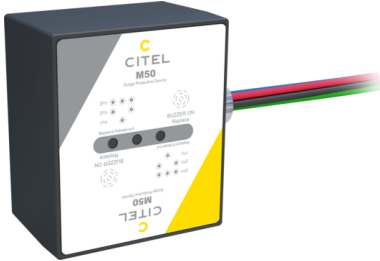
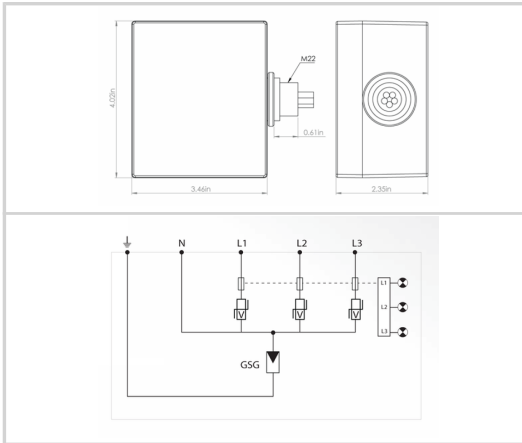


# M50F-480D-A



- 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



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	
Electrical Characteristics			
POWER SPD TYPE		UL1449 TYPE 2 LISTED	
VOLTS	(V)	480	
AC/DC/DC PV/RF		AC	
PHASE	(PH)	3D	
AMPS	(A)	n/a	
AMBIENT MIN	(C)	-35	
AMBIENT MAX	(C)	+80	
MODES		L-L, L-G	
VPR	(V)	2500/-/1500/-	
MCOV	(V)	560/560/-/-	
IN(15 impulses 8/20µs)	(kA)	20	
SCCR	(kA)	150	
IMAX(8/20µs)	(kA)	50	
Mechanical Characteristics			
Weight		1.005 kg	
TECHNOLOGY		MOV-GSG	
NETWORK CONFIGURATION		3PH, 3W+G, Delta	
CONNECTION METHOD		36" #12 AWG LEADS	

M50F-480D-A

MOUNTING	SIDE MOUNT, THREADED M22 (1/4" NPT ADAPTER)
MATERIAL	Aluminum cast
NEMA RATING (IP RATING)	NEMA 6P (IP67)
FAIL-SAFE BEHAVIOR	Yes, no upstream over current protection required
REAL-TIME DIAGNOSTICS	LED and audible alarm
DIMENSIONS	See diagram (mm)
WEIGHT	2.4 lbs
<b>Standards</b>	
UL STANDARD	UL1449 4th Edition
UL CATEGORY	VZCA, VZCA7
UL FILE NUMBER	E326289
STANDARDS	NOM-003-SCFI-2014, NOM-001-SCFI-1993
ENVIRONMENTAL STANDARDS	ROHS
<b>Part number</b>	
<b>89750704</b>	