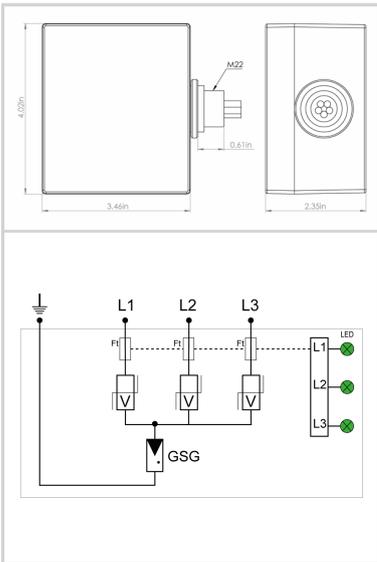# M50F-600D-A

- 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

POWER SPD TYPE		UL1449 TYPE 2 LISTED
VOLTS	(V)	600
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)	3000/-/1800/-
MCOV	(V)	690/690/-/-
IN 15 impulses 8/20µs	(kA)	20
SCCR	(kA)	200
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

Miscelaneous

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, 3W+G, Delta
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

UL STANDARD	UL1449 5th Edition
UL CATEGORY	VZCA, VZCA7
UL FILE NUMBER	E326289
STANDARDS	NOM-003-SCFI-2014, NOM-001-SCFI-1993

ENVIRONMENTAL STANDARDS		ROHS
Part number		
750804		