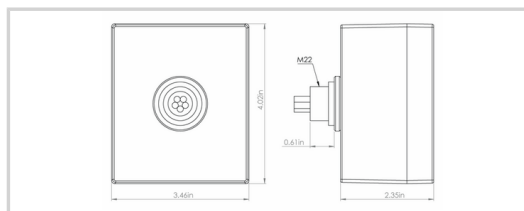


## M50-120Y-B



- 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)
- Optional Type 2 LISTED with UL1283 Filter
- 10-Year warranty



Electrical Characteristics			
Let through VoltageUres at 20kA	V		1500.0000
POWER SPD TYPE			UL1449 TYPE 1/2 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
IN15 impulses 8/20µs	(kA)		20
SCCR	(kA)		150
IMAX8/20µs	(kA)		50
Installation			
Operating TemperatureMin	°C		-40.0000
Operating TemperatureMax	°C		85.0000
Operating TemperatureMin	°F		-40.0000
Operating TemperatureMax	°F		85.0000
Operating Relative HumidityMax	%RH		Can be submerged
Operating AltitudeMin	Ft		2000.0000
Operating AltitudeMax	Ft		6500.0000
Housing/Enclosure material			Aluminum cast
Mounting			Side mount
IP Environmental ratingIP			IP66
NEMA Environmental ratingNEMA			NEMA 6
Installation Location			Indoor / outdoor
Accessories			brackets
Product DimensionL	mm		102.0000
Product DimensionH	mm		62.0000
Product DimensionW	mm		88.0000
Product DimensionL	In		4.0160
Product DimensionH	In		2.4410
Product DimensionW	In		3.4650
Miscellaneous			
Individual Pack			Yes
Storage TemperatureMin	°C		-40.0000
Storage TemperatureMax	°C		85.0000
Storage TemperatureMin	°F		-40.0000
Storage TemperatureMax	°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 (1/4" 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			
UL STANDARD			UL1449 5th Edition
UL CATEGORY			VZCA
UL FILE NUMBER			E326289
STANDARDS			NOM-003-SCFI-2014, NOM-001-SCFI-1993
ENVIRONMENTAL STANDARDS			ROHS



M50-120Y-B

Part number
89751111

