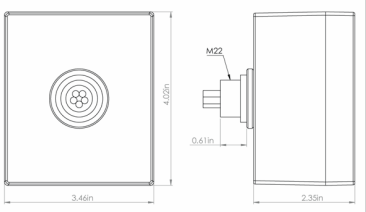
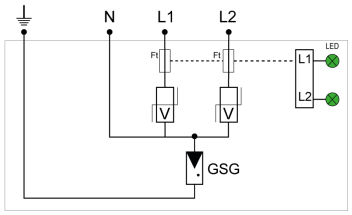
# M50F-120T-B




- 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 *Ures at 20kA* | V | 1500.0000 |
| POWER SPD TYPE | | UL1449 TYPE 2 LISTED |
| VOLTS | (V) | 240/120 |
| AC/DC/DC PV/RF | | AC |
| PHASE | (PH) | 1S |
| AMPS | (A) | N/A |
| AMBIENT MIN | (C) | -40 |
| 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 |
| IN *15 impulses 8/20µs* | (kA) | 20 |
| SCCR | (kA) | 150 |
| IMAX *8/20µs* | (kA) | 50 |
| **Option** | | |
| RFI Filter | | Yes |
| **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 | | 1PH, 2W+G, Split Phase |
| 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 |

# M50F-120T-B

| | | |
|---|---|---|
| UL CATEGORY | | VZCA, VZCA7 |
| UL FILE NUMBER | | E326289 |
| STANDARDS | | NOM-003-SCFI-2014, NOM-001-SCFI-1993 |
| **Part number** | | |
| **750112** | | |