

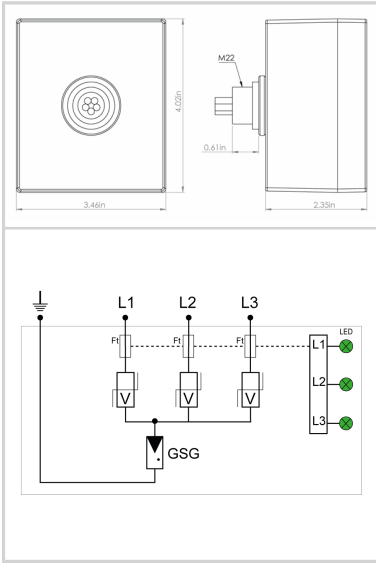


# CITEL



## M50F-240D-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                 |      |   |
|--|------|---|
| POWER SPD TYPE                             |      | UL1449 TYPE 2 LISTED                              |
| VOLTS                                      | (V)  | 240   |
| AC/DC/DC PV/RF                             |      | AC  |
| PHASE                                      | (PH) | 3D  |
| AMPS                                       | (A)  | N/A   |
| AMBIENT MIN                                | (C)  | -40   |
| AMBIENT MAX                                | (C)  | +80   |
| MODES                                      |      | L-L, L-G  |
| VPR  | (V)  | 1200/-/1200/-                                     |
| MCOV                                       | (V)  | 280/280/-/-                                       |
| IN   | (kA) | 20  |
| 15 impulses 8/20µs                         |      |   |
| SCCR                                       | (kA) | 150   |
| IMAX                                       | (kA) | 50  |
| 8/20µs                                     |      |   |
| 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, 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                                  |      |   |
| Environmental standards                    |      | EU RoHS   |
| UL STANDARD                                |      | UL1449 5th Edition                                |
| UL CATEGORY                                |      | VZCA, VZCA7                                       |
| UL FILE NUMBER                             |      | E326289   |
| STANDARDS                                  |      | NOM-003-SCFI-2014, NOM-001-SCFI-1993              |



# CITEL

---

**M50F-240D-B**

**Part number**

**750414**

