



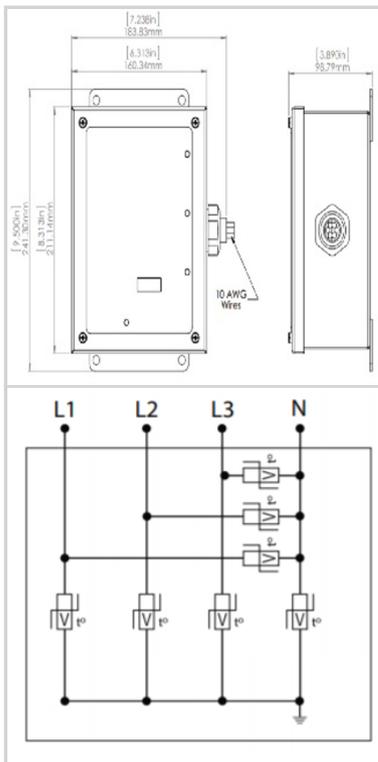
CITEL

UL TYPE 2 LISTED SPD - I_{max} 105kA per phase - I_n 20kA - NEMA 3R/4 /12

MS80F-277Y



- Multi-TMOV Technology
- UL1449 Type 2 LISTED
- UL1283 LISTED EMI/RFI Filter
- 105kA Surge Current Rating
- Connection Type-Parallel
- Operating Frequency-47Hz-63Hz
- Response time- <50 ns
- Visual fault indicator
- 10-Year warranty



| Electrical Characteristics | | |
|----------------------------|------|--------------------------------------------------------------------------|
| POWER SPD TYPE | | UL1449 TYPE 2 LISTED |
| VOLTS | (V) | 277/480 |
| AC/DC/DC PV/RF | | AC |
| PHASE | (PH) | 3Y |
| AMPS | (A) | N/A |
| AMBIENT MIN | (C) | -35 |
| AMBIENT MAX | (C) | +85 |
| MODES | | L-L, L-N, L-G, N-G |
| VPR | (V) | 1800/1000/1200/1000 |
| MCOV | (V) | 640/320/320/320 |
| IN | (kA) | 20 |
| 15 impulses 8/20µs | | |
| SCCR | (kA) | 150 |
| IMAX | (kA) | 105 |
| 8/20µs | | |
| Mechanical Characteristics | | |
| TECHNOLOGY | | Multi-TMOV |
| NETWORK CONFIGURATION | | 3PH, 4W+G, Wye |
| CONNECTION METHOD | | 36" #10 AWG LEADS |
| MOUNTING | | FLANGE MOUNT |
| MATERIAL | | Steel |
| NEMA RATING (IP RATING) | | IP65 |
| FAIL-SAFE BEHAVIOR | | Disconnection via fuse-link |
| REAL-TIME DIAGNOSTICS | | % of protection present LED, audible alarm and remote contacts. |
| DIMENSIONS | | See diagram |
| WEIGHT | | 6 lbs |
| Standards | | |
| Certification | | UL Listed |
| Environmental standards | | EU RoHS |
| UL STANDARD | | UL1449 5th Edition, UL1283 |
| UL CATEGORY | | VZCA, VZCA7, FOKY, FOKY7 |
| UL FILE NUMBER | | E326289 |
| STANDARDS | | UL96A, ANSI C62.41/45, NOM-003-SCFI-2014, NOM-001-SCFI-1993, IEC61643-11 |
| BABA | | Build America-Buy America Compliant |
| Part number | | |
| 890302 | | |

