# MDS750E-277Y




- UL1449 5th edition
- All Mode Protection
- Itotal- 750kA 8/20us
- Imax/phase-450kA 8/20us
- Iimp- 15kA 10/350us/phase
- UL Nominal Discharge Current (In) 20kA (All models)
- UL Short-circuit Current Rating (SCCR) 200kA (All models)
- UL96A Master Label Compliant
- Surge Rated Disconnect Switch (MDS750E)
- Enhanced Diagnostics (MDS750E) - % of protection present, surge counter, audible, remote, test/mute
- Replaceable Modular Design for SPD and Filter (if applicable)
- Optional Listing as UL Type 2 with UL1283 Filter and cUL
- NEMA 4/12 (Stainless Steel NEMA 4X optional)
- 10-year Warranty

| **Electrical Characteristics** | | |
|---|---|---|
| POWER SPD TYPE | | UL1449 TYPE 1 LISTED |
| VOLTS | (V) | 480/277 |
| AC/DC/DC PV/RF | | AC |
| PHASE | (PH) | 3Y |
| AMPS | (A) | N/A |
| AMBIENT MIN | (C) | -40 |
| AMBIENT MAX | (C) | +85 |
| MODES | | L-L, L-N, L-G, N-G |
| VPR | (V) | 2500/1800/1800/1200 |
| MCOV | (V) | 840/420/420/275 |
| IN<br>*15 impulses 8/20µs* | (kA) | 20 |
| SCCR | (kA) | 200 |
| IMAX<br>*8/20µs* | (kA) | 450 |
| **Mechanical Characteristics** | | |
| TECHNOLOGY | | Multi-TMOV |
| NETWORK CONFIGURATION | | 3PH, 4W+G, Wye |
| CONNECTION METHOD | | Screw Terminal (4-10AWG) |
| MOUNTING | | FLANGE MOUNT |
| MATERIAL | | Steel |
| NEMA RATING (IP RATING) | | IP65 |
| FAIL-SAFE BEHAVIOR | | Yes, no upstream over current protection required |
| REAL-TIME DIAGNOSTICS | | % of protection present LED, audible alarm and remote contacts. Optional surge counter. |
| DIMENSIONS | | See diagram |
| WEIGHT | | 25 lbs |
| **Standards** | | |
| Environmental standards | | EU RoHS |
| UL STANDARD | | UL1449 5th Edition, UL1283 |
| UL CATEGORY | | VZCA, VZCA7, FOKY, FOKY7 |
| UL FILE NUMBER | | E326289, E467909 |
| ANSI/IEEE C62.41 | | Category C 20kV/10kA |
| **Part number** | | |
| **890669** | | |