*- UL Type 1/2 SPD - Imax 300kA per phase - In 20kA - NEMA Enclosure*

# MDS600E-240DCT




- UL1449 5th edition
- All Mode Protection
- Itotal-600kA 8/20us
- Imax/phase-300kA 8/20us
- UL 1449 Nominal Discharge Current (In) 20kA (All models)
- UL 1449 Short-circuit Current Rating (SCCR) 200kA (All models)
- UL96A Master Label Compliant
- Surge Rated Disconnect Switch
- Smart Diagnostics - % of protection present, audible, remote alarm, test/mute
- Surge Counter
- Serviceable Individual Replaceable Modules
- Optional Listing as UL Type 2 with UL1283 Filter
- NEMA 4/12 (Stainless Steel NEMA 4X optional)
- Standard 10-year warranty

| **Electrical Characteristics** | | |
|---|---|---|
| POWER SPD TYPE | | UL1449 TYPE 1 LISTED |
| VOLTS | (V) | 240/120 |
| AC/DC/DC PV/RF | | AC |
| PHASE | (PH) | 3H |
| AMBIENT MIN | (C) | -40 |
| AMBIENT MAX | (C) | +85 |
| MODES | | L-L, L-N, L-G, N-G, H-L, H-N, H-G |
| VPR | (V) | 3000/1800/1800/3000/3000/1800/1800 |
| MCOV | (V) | 840/420/420/840/840/420/420 |
| IN<br>*15 impulses 8/20µs* | (kA) | 20 |
| SCCR | (kA) | 200 |
| IMAX<br>*8/20µs* | (kA) | 300 |
| **Mechanical Characteristics** | | |
| TECHNOLOGY | | Multi-TMOV |
| NETWORK CONFIGURATION | | 3PH, 4W+G, Hi-Leg Delta |
| 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 | | 14.2x6.3x16 (LxWxH-inches) |
| WEIGHT | | 17 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** | | |
| **890644** | | |