- UL Type 1/2 SPD - Imax 450kA per phase - In 20kA - NEMA Enclosure

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 *15 impulses 8/20µs*	(kA)	20
SCCR	(kA)	200
IMAX *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		