

MDS300E-277Y



- ‡ Surge Capacity to 300kA 8/20us Total
- ‡ Lightning Capacity to 15kA 10/350us per phase
- ‡ UL1449 Nominal Discharge Current (I_n) 20kA (All models)
- ‡ UL1449 Short-circuit Current Rating (SCCR) 200kA (All models)
- ‡ UL96A Master Label Compliant
- ‡ Standard Diagnostics - % of protection present, audible, remote, test/mute
- ‡ Replaceable Modular Design for SPD and Filter (if applicable)
- ‡ Optional Listing as Type 2 Listed with UL1283 and cUL
- ‡ NEMA 4/12 (Stainless Steel NEMA 4X optional)

Electrical Characteristics		
POWER SPD TYPE		UL1449 TYPE 1/2 LISTED
VOLTS	(V)	480/277
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)	2500/1800/1800/1200
MCOV	(V)	840/420/420/275
I _N (15 impulses 8/20μs)	(kA)	20
SCCR	(kA)	200
I _{MAX} (8/20μs)	(kA)	150
Mechanical Characteristics		
TECHNOLOGY		Multi-TMOV
NETWORK CONFIGURATION		3PH, 4W+G, Wye
CONNECTION METHOD		Screw Terminal (4-10AWG)
MOUNTING		FLANGE MOUNT
MATERIAL		Carbon steel
NEMA RATING (IP RATING)		3R/4/12
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 (mm)
WEIGHT		10 lbs
Standards		
UL STANDARD		UL1449 4th Edition, UL1283
UL CATEGORY		VZCA, VZCA7, FOKY, FOKY7
UL FILE NUMBER		E326289, E467909
ANSI/IEEE C62.41		Category C 20kV/10kA
ENVIRONMENTAL STANDARDS		ROHS
Part number		
890621		