

**MDS600E-277Y**



- UL1449 5th edition
- All Mode Protection
- I<sub>total</sub>-600kA 8/20us
- I<sub>max</sub>/phase-300kA 8/20us
- UL 1449 Nominal Discharge Current (I<sub>n</sub>) 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)	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 <sub>N</sub>	(kA)	20
15 impulses 8/20μs		
SCCR	(kA)	200
I <sub>MAX</sub>	(kA)	300
8/20μs		
Mechanical Characteristics		
Weight		58 kg
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		14.2x6.3x16 (LxWxH-inches)
WEIGHT		17 lbs
Standards		
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
ENVIRONMENTAL STANDARDS		ROHS
Part number		
<b>890645</b>		