- UL Type 1/2 SPD - Imax 150kA per phase - In 20kA - NEMA Enclosure

MDS300E-480D



- UL1449 5th edition
- All Mode Protection
- Itotal-300kA 8/20us
- Imax/phase-150kA 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)	480
AC/DC/DC PV/RF		AC
PHASE	(PH)	3D
AMPS	(A)	N/A
AMBIENT MIN	(C)	-40
AMBIENT MAX	(C)	+85
MODES		L-L, L-G
VPR	(V)	2000/2000
MCOV	(V)	550/550
IN *15 impulses 8/20µs*	(kA)	20
SCCR	(kA)	200
IMAX *8/20µs*	(kA)	150
Option		
Remote status dry contact electrical rating*Max Voltage*	V	250.0000
Remote status dry contact electrical rating*Max Current*	A	0.5000
RFI Filter		yes
Installation		
Wiring type		Screw
IP Environmental rating*IP*		IP65
NEMA Environmental rating*NEMA*		NEMA 4
Spare part		Module
Product Dimension*L*	In	12.2200
Product Dimension*H*	In	12.0000
Product Dimension*W*	In	6.2900
Miscelaneous		
Individual Pack		Yes
Mechanical Characteristics		
TECHNOLOGY		Multi-TMOV
NETWORK CONFIGURATION		3PH, 3W+G, 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		See diagram
WEIGHT		10 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		

MDS300E-480D

890623