MDS750S-480D



- 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
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)	450
Option		
Remote status dry contact electrical rating*Max Voltage*	V	125.0000
Remote status dry contact electrical rating*Max Current*	A	0.5000
RFI Filter		Yes
Installation		
Wiring type		Screw
Stranded Wire cross section*Min*	mm²	5.0000
Wire gauge*Min*	AWG	10.0000
Torque	Nm	4
Torque	in-lbs	35
Operating Temperature*Min*	°C	-40.0000
Operating Temperature*Max*	°C	85.0000
Operating Temperature*Min*	°F	-40.0000
Operating Temperature*Max*	°F	85.0000
Operating Relative Humidity*Max*	%RH	95
Operating Altitude*Min*	Ft	2000.0000
Operating Altitude*Max*	Ft	6500.0000
Housing/Enclosure material		Metal
Flammability rating*UL 94*		V0
Mounting		WALL MOUNT
IP Environmental rating*IP*		IP56
NEMA Environmental rating*NEMA*		NEMA 4
Installation Location		Indoor / outdoor
Spare part		Module
Accessories		brackets
Product Dimension*L*	mm	360.6000
Product Dimension*H*	mm	406.4000
Product Dimension*W*	mm	159.8000
Product Dimension*L*	In	14.2000
Product Dimension*H*	In	16.0000
Product Dimension*W*	In	6.2900
Miscelaneous		
Individual Pack		Yes

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Storage Temperature*Min*	°C	-40.0000
Storage Temperature*Max*	°C	85.0000
Storage Temperature*Min*	°F	-40.0000
Storage Temperature*Max*	°F	85.0000
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		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		
890663		