

MDS600-120T-H



- UL1449 5th edition
- All Mode Protection
- I_{total}-600kA 8/20us
- I_{max}/phase-300kA 8/20us
- UL 1449 Nominal Discharge Current (I_n) 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)	240/120
AC/DC/DC PV/RF		AC
PHASE	(PH)	1S
AMBIENT MIN	(C)	-35
AMBIENT MAX	(C)	+85
MODES		L-L, L-N, L-G, N-G
VPR	(V)	1800/1200/1200/900
MCOV	(V)	420/210/210/150
I _N 15 impulses 8/20μs	(kA)	20
SCCR	(kA)	200
I _{MAX} 8/20μs	(kA)	300
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
Stranded Wire cross section _{Min}	mm ²	5.0000
Wire gauge _{Min}	AWG	10.0000
Torque	Nm	2,6
Torque	in-lbs	20
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		Stainless Steel
Mounting		wall mount
IP Environmental rating _{IP}		IP56
NEMA Environmental rating _{NEMA}		NEMA 4
Installation Location		Indoor / outdoor
Product Dimension _L	mm	7.0000
Product Dimension _H	mm	16.0000
Product Dimension _W	mm	12.0000
Product Dimension _L	In	0.2750
Product Dimension _H	In	0.6290
Product Dimension _W	In	0.4720
Miscellaneous		
Individual Pack		Yes
Storage Temperature _{Min}	°C	-40.0000
Storage Temperature _{Max}	°C	85.0000
Storage Temperature _{Min}	°F	-40.0000
Storage Temperature _{Max}	°F	85.0000



- UL Type 1/2 SPD - I_{max} 300kA per phase - I_n 20kA - NEMA Enclosure

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Mechanical Characteristics	
TECHNOLOGY	Multi-TMOV
NETWORK CONFIGURATION	1PH, 3W+G, Split Phase
CONNECTION METHOD	Screw Terminal (4-10AWG)
MOUNTING	FLANGE MOUNT
MATERIAL	Stainless steel
NEMA RATING (IP RATING)	4X (IP67)
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
UL CATEGORY	VZCA, VZCA7, FOKY, FOKY7
UL FILE NUMBER	E326289, E467909
ANSI/IEEE C62.41	Category C 20kV/10kA
ENVIRONMENTAL STANDARDS	ROHS
Part number	
890672	

