



CITEL

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

MDS600S-347Y



- 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)	600/347
AC/DC/DC PV/RF		AC
PHASE	(PH)	3Y
AMPS	(A)	N/A
AMBIENT MIN	(C)	-40
AMBIENT MAX	(C)	+85
MODES		L-L, L-N, L-G, N-G
VPR	(V)	3000/1800/1800/1800
MCOV	(V)	920/460/460/420
I _N 15 impulses 8/20 μ s	(kA)	20
SCCR	(kA)	200
I _{MAX} 8/20 μ s	(kA)	300
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}	mm ²	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 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
Miscellaneous		
Individual Pack		Yes
Storage Temperature ^{Min}	°C	-40.0000
Storage Temperature ^{Max}	°C	85.0000



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Mechanical Characteristics	
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	
Environmental standards	EU RoHS
UL STANDARD	UL1449 5th Edition
UL CATEGORY	VZCA, VZCA7, FOKY, FOKY7
UL FILE NUMBER	E326289, E467909
ANSI/IEEE C62.41	Category C 20kV/10kA
Part number	
890638	

