



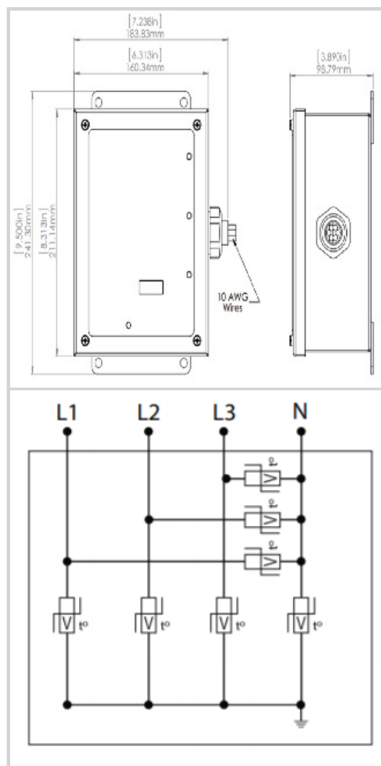
CITEL



UL TYPE 2 LISTED SPD - I_{max} 105kA per phase - I_n 20kA - NEMA 3R/4 /12

MS80F-120Y

- ✦ Multi-TMOV Technology
- ✦ UL1449 Type 2 LISTED
- ✦ UL1283 LISTED EMI/RFI Filter
- ✦ BABA-Build America-Buy America compliant
- ✦ 105kA Surge Current Rating
- ✦ Connection Type-Parallel
- ✦ Operating Frequency-47Hz-63Hz
- ✦ Response time- <50 ns
- ✦ Visual fault indicator
- ✦ 10-Year warranty



Electrical Characteristics		
POWER SPD TYPE		UL1449 TYPE 2 LISTED
VOLTS	(V)	120/208
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)	1000/700/700/700
MCOV	(V)	300/150/150/150
I _N	(kA)	20
15 impulses 8/20μs		
I _{MAX}	(kA)	105
8/20μs		
I _{imp}	(kA)	4
10/350μs		
Mechanical Characteristics		
TECHNOLOGY		Multi-TMOV
NETWORK CONFIGURATION		3PH, 4W+G, Wye
CONNECTION METHOD		36" #10 AWG LEADS
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		6 lbs
Standards		
Certification		UL Listed
Environmental standards		EU RoHS
UL STANDARD		UL1449 5th Edition, UL1283
UL CATEGORY		VZCA, VZCA7, FOKY, FOKY7
UL FILE NUMBER		E326289
STANDARDS		UL96A, ANSI C62.41/45, NOM-003-SCFI-2014, NOM-001-SCFI-1993
Part number		
890188		

