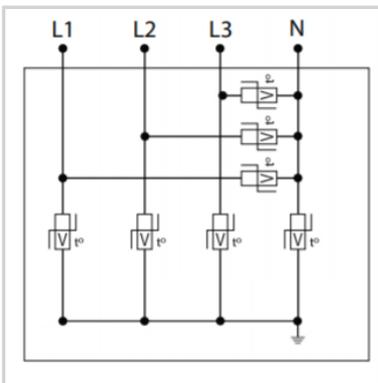# UL TYPE 1/2 LISTED SPD - Imax 105kA per phase - In 20kA - NEMA 3R /4/12

MS80-277Y

- Multi-TMOV Technology
- UL1449 Type 1 LISTED
- BABA-Build America-Buy America compliant
- 105-220kA Surge Current Rating
- Visual fault indicator, audible alarm and remote contacts
- 10-Year warranty

Electrical Characteristics		
POWER SPD TYPE		UL1449 TYPE 1 LISTED
VOLTS	(V)	277/480
AC/DC/DC PV/RF		AC
PHASE	(PH)	3Y
AMPS	(A)	N/A
AMBIENT MIN	(C)	-35
AMBIENT MAX	(C)	+85
MODES		L-L, L-N, L-G, N-G
VPR	(V)	1800/1000/1200/1000
MCOV	(V)	640/320/320/320
IN 15 impulses 8/20µs	(kA)	20
IMAX 8/20µs	(kA)	105

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)	NEMA 3R,4, 12 (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	
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, IEC61643-11
BABA	Build America-Buy America Compliant

Part number
890157