



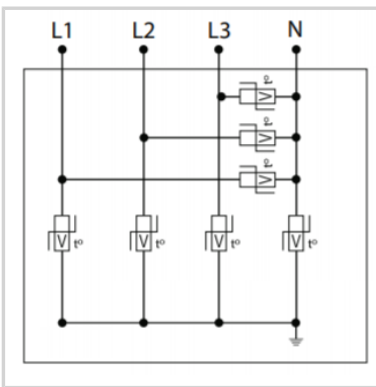
CITEL

UL TYPE 1/2 LISTED SPD - I_{max} 105kA per phase - I_n 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) -40
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	(kA) 20
15 impulses 8/20 μ s	
IMAX	(kA) 105
8/20 μ s	
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	

