



CITEL

UL TYPE 1/2 LISTED SPD - I_{max} 105kA per phase - In 20kA - NEMA 3R /4/12

MS80-240Y



- I_{max} 105-220kA per phase
- UL1449 Type 1 Listed SPD
- In 20kA
- SCCR 200kA
- Real-Time LED indicators, Audible Alarm, Remote Contacts
- Smart Diagnostic Indicating % protection present
- NEMA 4 (Other options NEMA 12, NEMA 4X Stainless Steel)
- UL1283 EMI Filter (Option available)
- Surge Counter (Option available)

Electrical Characteristics		
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	I _{max}	105 kA
POWER SPD TYPE		UL1449 TYPE 1 LISTED
VOLTS	(V)	240/415
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 <i>15 impulses 8/20 μs</i>	(kA)	20
IMAX <i>8/20 μs</i>	(kA)	105
Mechanical Characteristics		
Connection to Network		#10 AWG 36" Leads
Mounting		Wall mounting by screws (not supplied)
Operating temperature	Tu	-40/+85°C
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
Part number		
890156		

