



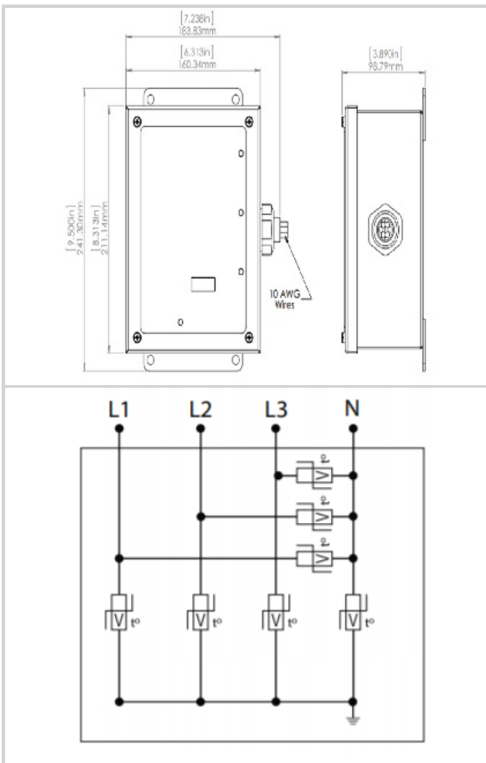
# CITEL

## UL TYPE 2 LISTED SPD - I<sub>max</sub> 105kA per phase - I<sub>n</sub> 20kA - NEMA 3R/4 /12



### MS80F-277Y-C

- ▶ Multi-TMOV Technology
- ▶ UL1449 Type 2 LISTED
- ▶ UL1283 LISTED EMI/RFI Filter
- ▶ 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)	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	(kA)	20
15 impulses 8/20 $\mu$ s		
SCCR	(kA)	150
IMAX	(kA)	105
8/20 $\mu$ 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)		4X (IP67)
FAIL-SAFE BEHAVIOR		Disconnection via fuse-link
REAL-TIME DIAGNOSTICS		% of protection present LED, audible alarm, remote contacts and surge counter.
DIMENSIONS		See diagram
WEIGHT		6 lbs
Standards		
Certification		UL Listed
UL STANDARD		UL1449 5th Edition
UL CATEGORY		VZCA, VZCA7, FOKY, FOKY7
UL FILE NUMBER		E326289
STANDARDS		NOM-003-SCFI-2014
ENVIRONMENTAL STANDARDS		ROHS
Part number		
<b>890300</b>		

