



# CITEL

## UL TYPE 1/2 LISTED SPD - I<sub>max</sub> 105kA per phase - I<sub>n</sub> 20kA - NEMA 3R /4/12

### MS80-347Y



- 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)	347/600
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)	3000/1800/1800/1800
MCOV	(V)	1100/550/550/550
I <sub>N</sub>	(kA)	20
15 impulses 8/20μs		
I <sub>MAX</sub>	(kA)	105
8/20μs		

#### 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

**890158**

