

## MS160F-120Y



- ✦ I<sub>max</sub> 105-220kA per phase
- ✦ UL1449 Type 2 Listed SPD
- ✦ I<sub>n</sub> 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
- ✦ Surge Counter (Option available)

Electrical Characteristics		
POWER SPD TYPE		UL1449 TYPE 2 LISTED
VOLTS	(V)	120/208
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)	1000/700/700/700
MCOV	(V)	300/150/150/150
IN	(kA)	20
15 impulses 8/20 $\mu$ s		
IMAX	(kA)	192
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)		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		
UL STANDARD		UL1449 5th Edition, UL1283
UL CATEGORY		VZCA, VZCA7, FOKY, FOKY7
UL FILE NUMBER		E326289
STANDARDS		UL96A, MIL-STD-220B, NOM-003-SCFI-2014, NOM-001-SCFI-1993
ENVIRONMENTAL STANDARDS		ROHS
Part number		
890197		