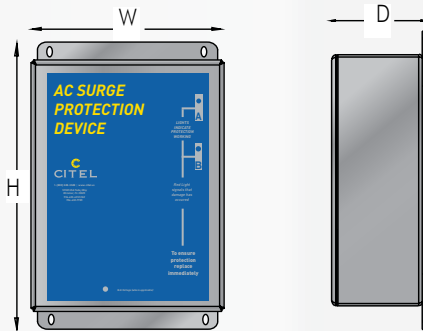


AC Surge Protectors M Series



- **Imax: 80-200kA per phase**
- **Protects All Modes**
- **On Board Diagnostics: LED indicators, Audible Alarm, and Remote Contacts**
- **EMI/RFI Noise Filtering**
- **Sinewave Tracking**
- **UL 1449 4th Edition**
- **Optional Surge Counter**

Dimensions



Model	Dimensions (in)		
	H	W	D
M200	8	6	4
M160			
M100			
M80			

Characteristics

Series	M80	M100	M160	M200
Maximum discharge current Imax	80 kA	100 kA	160 kA	200 kA
Type of network				
120/240 Vac Split Phase 3Ph+N+G	M80-120T	M100-120T	M160-120T	M200-120T
120/208 Vac Wye 3Ph/N+G	M80-120Y	M100-120Y	M160-120Y	M200-120Y
220/380 Vac Wye 3Ph/N+G	M80-220Y	M100-220Y	M160-220Y	M200-220Y
277/480 Vac Wye 3Ph/N+G	M80-277Y	M100-277Y	M160-277Y	M200-277Y
240/415 Vac Wye 3Ph/N+G	M80-240Y	M100-240Y	M160-240Y	M200-240Y
120/120/240 Vac Hi-Leg Delta 3Ph/N G	M80-240DCT	M100-240DCT	M160-240DCT	M200-240DCT
240 Vac Delta 3Ph+G	M80-240D	M100-240D	M160-240D	M200-240D
347/600 Vac Wye 3Ph/N+G	M80-347Y	M100-347Y	M160-347Y	M200-347Y
480 Vac Delta 3Ph+G	M80-480D	M100-480D	M160-480D	M200-480D
Protection modes	L/N - L/G - N/G - L/L			
UL short-circuit current rating	200 kA			
RFI filtering	- 40 dB			
Standards compliance	UL1449 4th Ed.			
Safety				
Thermal disconnecter	Internal to each component			
Electrical disconnecter	Internal to each surge protector			
Failure indicators	LED, audible alarm, and remote signaling			
Mechanical Characteristics				
Housing material	Steel - NEMA 4/12			
Operating temperature	-40/+85 °C			
Mounting	Wall mounting by screws (not supplied)			
Connection to AC network	Hard-Wired			
Dimensions (H x L x D)	95 x 63.1 x 35 mm			
Specific features				
Disconnection switch	No			



Model	Description	MCOV	Voltage Protection Rating (VPR)			
			L-N	L-G	N-G	L-L
Mxxx-120T	120/240 Vac Split Phase 2Ph+N+G	150 Vac	800	900	800	1800
Mxxx-120Y	120/208 Vac Wye 3Ph+N+G	150 Vac	800	900	800	1800
Mxxx-220Y	220/380 Vac Wye 3Ph+N+G	320 Vac	1500	1200	1200	2000
Mxxx-240Y	240/415 Vac Wye 3Ph+N+G	320 Vac	1500	1200	1200	2000
Mxxx-240DCT	120/120/240 Vac Hi-Leg Delta 3Ph+N+G	150/320 Vac	1500	1200	1200	1800
Mxxx-240D	240 Vac Delta 3Ph+G	320 Vac	-	1200	-	2000
Mxxx-277Y	277/480 Vac Wye 3Ph+N+G	320 Vac	1500	1200	1200	2000
Mxxx-347Y	347/600 Vac Wye 3Ph+N+G	550 Vac	1800	1800	1800	3000
Mxxx-480D	480 Vac Delta 3Ph+G	550 Vac	-	1800	-	3000

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