

# AC Surge Protection

## MCP

1451-008 RevG



MCP 120TA-10M  
1101-299

Silicon surge suppression ac power protection for 120 V and 240 V cabinet enclosure or pedestral applications.

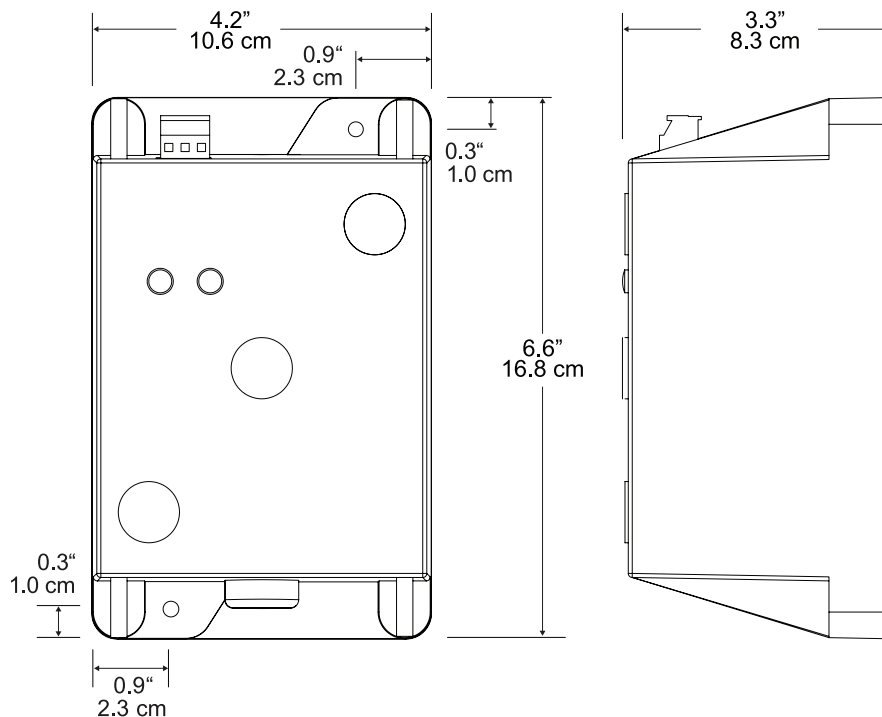
### Features

- Non-degrading, low clamping, silicon diode technology
- MOV primary & secondary suppression available
- Illuminated and remote dry contact relay status indication per phase
- Line and load bidirectional

- Compact design
- Modular, wire-in protection
- Outdoor configurations available

### Standards

- IEC 61643-1
- IEEE C 62.41
- UL 1449 3rd Edition recognized (1101-299)



Model	MCP 120TA-10M	MCP 240SA	MCP 120Wye
Part Number	1101-299	1101-172-2	1101-596

## Performance

Technology	Silicon primary / MOV backup	Silicon	MOV
Max Continuous Operating Voltage	138/267 Vrms	265 Vrms	160 Vrms
Nominal Operating Voltage	120/240 Vac split phase	240 Vac single phase	120/208 Vac 3-phase wye
Protection Level	330 V peak 500 A, 8/20 $\mu$ s	400 V peak 500 A, 8/20 $\mu$ s	500 V peak 500 A, 8/20 $\mu$ s
Frequency	50/60 Hz		

## Mechanical

Terminal Type	(3) 10 AWG (2.95 mm) wire leads 18"	(2) 10 AWG (2.95 mm) wire leads 18"	(4) 10 AWG (2.95 mm) wire leads 18"
Status Indication Terminal	18 AWG (1.2 mm) three pin removable terminal block C/NC/NO		
Max Dimensions H x W x D (in)	6.6 x 4.2 x 3.3		
Max Dimensions (cm) H x W x D	16.8 x 10.6 x 8.3		
Weight (Max) lb, kg	2.5, 1.1		

## Environmental

Humidity	95% non condensing
Operating Temperature	-40°C to +65°C