

## Hardwired AC Surge Protector

### M40



*Citel's M40 compact, low profile surge protectors are designed to protect local distribution panels, OEM control panels, PLC's, and SCADA systems against transient surge events. These devices are installed parallel to the AC network and provide robust surge handling capability. The M40 is available for all three phase applications and is rated at 40kA (8/20 $\mu$ s) transient amps per phase.*

*The M40 is pre-wired and installed via a case molded back nipple or supplied U-shaped mounting bracket. Installation can be performed in less than 5 minutes. Power up the device and front panel LEDs provide instant visual status indication.*

### Power Panel Protection

- 40kA transient amps protection (8/20 $\mu$ s)
- Parallel installed
- Thermal fusing
- Power present LED indicator
- All modes of protection
- EMI/RFI Filter

### Specifications

Citel Model	M40-120T	M40-120Y
System Voltage	120/240Vac	120/208Vac
Wires	3W+G	4W+G
Ipeak (8/20 $\mu$ s)	40kA	40kA
ClampV @ 10kA	740V	740V
Response Time	<1 ns	<1 ns
Diagnostics	LED indicator per phase	
Housing Materials	NEMA 4X	
Operating Temperature	-40°C to +70°C	
Operating Altitude	13,000 ft (4,000m)	
Connection Method	Parallel	
Protection Type	MOV	
Connection	#10 AWG Stranded Wire	
Protection Modes	L-N, L-G, N-G, L-L	
Dimensions	3.60" x 3.00" x 3.00"	

### Standards & Guidelines

UL 1449 3rd Edition	USA
IEC 61643-11	International
ANSI/IEEE C62.41	USA
NFC 61740-95	France
VDE0675-6	Germany
CSA C22.2	Canada
CE Marked	European

