



Protect people and systems from dangerous over-voltages

Open-Circuit Protection for Current Transformers

- Limits voltage spikes of either polarity to a non-destructive level
- Resets each half-cycle, quickly restoring measurement
- Creates negligible leakage current
- Does not introduce phase or ratio errors into the measurement

Also Protects Against High Secondary Voltage Transients

- When transient voltage rises above 35V, the circuit clamps the voltage to <1.5V until next zero crossing
- Resets or re-clamps if high over-voltage is still present

Installation

- One per phase / CT
- Mount directly to transformer



SPECIFICATIONS TABLE

Current	Up to 5A from CT Secondary
Ovrange	Continuous (1 min.) 10A
Frequency Range	20-500Hz
Leakage Current	Typical @ 25°C ≤0.05mA
Breakover Voltage	35Vpk, ±2V
Clamping Voltage	Typical 1V
Clamping Duration	Continuous @5A
Response Time	25µs
Operating Range	-40°C to 65°C
Lead Length	4.5 in. Typical, 16AWG
Termination	#10 Ring Terminals
Weight	1 oz

