

# 400 Series

## OEM Equipment Protector Ip=10kA

The 400 Series installed at or within a piece of equipment such as PLC's, fire alarm monitoring systems, security system controls, etc., provides compact, heavy-duty surge suppression. The units employ a sophisticated combination of brute force surge protection and impulse filtering to prevent damage or malfunction to sensitive equipment. Reaction time is less than one nanosecond with automatic reset after the transient has passed.

Equipment components are susceptible to damage from lightning, transients and surges. Conducted EMI can also be a problem. By installing the highly reliable 400 Series, transient overvoltages that would normally exceed the threshold level are safely limited. A series filter attenuates the conducted EMI.

Sine tracking virtually eliminates transients that ride on the sine wave. The 400 Series provides superior attenuation at the critical lower frequencies.



**ANSI/IEEE  
Category A**

## Features of the 400 Series

- ✔ **Compact Size**  
Space efficient and easy to install, the 400 Series offer quick, hard-wired installation in locations where space is limited.
- ✔ **Maximum Surge Protection**  
Large absorption capability exceeds 400 joules.
- ✔ **Fast Clamp Response**  
In less than one nanosecond, currents are intercepted and safely diverted.
- ✔ **MOV Technology - 20mm.**
- ✔ **Sine Tracking Filter**  
The 400 Series offers superior transient attenuation at the critical lower frequencies.
- ✔ **Automatic Reset**  
The unit automatically resets after an overvoltage transient condition has occurred. A green LED gives verification that the unit is operational and full protection is present.
- ✔ **Ten Year Warranty**  
No questions, no nonsense.

