

Premium Three Stage Surge Protection Designed to Shield Equipment from Damage

Premium protection for valuable electrical components

Transient over-voltages induced by lightning, industrial and switching surges, or electrostatic discharge, can harm electronic equipment. It can interrupt service, which may be unacceptable, or it could interfere with operations and expose data transmissions to disturbances and malfunctioning. Over-voltages also cause premature ageing of components.

The Watertronics premium three stage surge protection provides enhanced protection.

First Stage:

The Watertronics premium surge protector is compact, low profile and provides 80,000 amps of surge handling capacity and a noise attenuating filter. This premium surge protector will provide the necessary level of protection for starters, motors and VFD.

- 480 volt, 3-phase primary high energy surge protection for starters, motors and VFD.
- 80,000 Amps (8 x 20 μ s) < 5ns

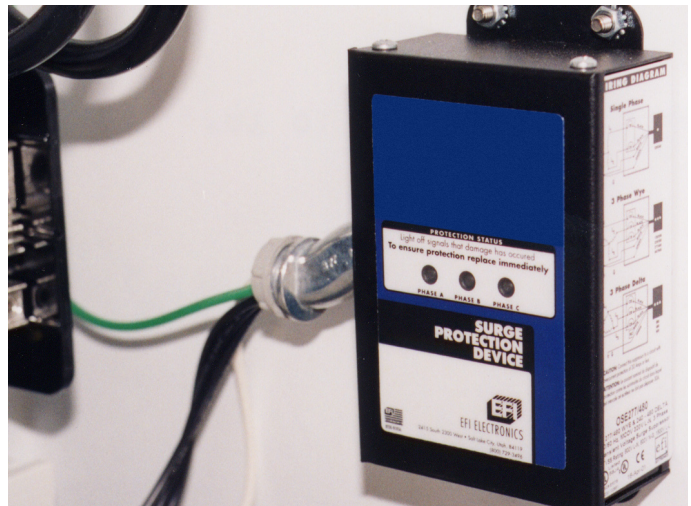
Second Stage:

- 120 volt high energy transient/surge protection for low voltage and microprocessor equipment (PLC and Touchscreen)
- 65,000 Amps (8 x 20 μ s) < 5ns EMI/RFI Filtration @ 40dB

Third Stage:

- 24 volt surge protection for transducers and sensitive analog electronics.
- 120,000 Amps (8 x 20 μ s) < 5ns Clamping @ 30 Volts

- Safer than standard surge protection
- Protects critical pump station components according to their vulnerability to surges



First Stage



Second Stage



Third Stage