



## LS-E120HWCP20CB Surge Protection Device Type 2 SPD

### 120 Volt 15/20 Amp In-Line Series Hardwire Branch Circuit Protector

The Lectra Shield LS-E120HWCP20CB is an in-line series single phase 120 Volt multi-layered thermally fused hybrid design industrial strength surge protector with a 20 amp circuit breaker and an indicator light (LED). This product is designed to automatically reset after dissipating surges within ratings. This is the Ultimate SPD that not only protects against over voltage but also against over current. Plus if this device is installed with the line & loads reversed or is connected to a circuit that has reverse polarity it's LED will not come on nor will this SPD pass power. And if this SPD self-sacrifices it's LED goes out and it will no longer pass power! Safety tested; ETL listed conforms to ANSI/UL Standard 1449 3<sup>rd</sup> Edition.

#### SPECIFICATIONS – ELECTRONIC:

Maximum Surge Current (8x20 $\mu$ s): 100,000 Amps Total  
 Maximum Surge Voltage (1.2x50 $\mu$ s): 20,000 Volts  
 VPR Rating: 600 L-N/500 L-G/1000 N-G  
 Follow on Current: None  
 Clamping Response Time: <5 nanoseconds  
 Voltage: Voltage Sensitive  
 Operation Indicator: LED  
 Failure Mode: Fails Safe (open)  
 Circuit Breaker: 20 Amps

#### SPECIFICATIONS – OPERATING:

Maximum Operating Voltage: 120 Volts AC  
 Maximum Line Amperage: 20 Amps  
 Installation Connection: In-Line Series Hardwired  
 Wires: 3 In/3 Out 12 AWG  
 Operation Temperature: -20 to + 60° C  
 Protection Modes: L/N, L/G, N/G  
 Dimensions: Depth: 2.75", Width: 4.75", Length: 7.25"  
 Weight: 1.5 lbs.  
 ETL Listed: Conforms to ANSI/UL Standard 1449 3<sup>rd</sup> Ed



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Conforms to ANSI/UL Std 1449

