

## AC Power Surge Protection Solution AC2XXV-06-07 Series Hardwired

The AC2XXV-06-07 Protector protects all types of semiconductor power supplies and electronics by absorbing and shunting transients associated with lightning, switch surges or inductive switching circuits.

**ACData**<sup>®</sup>



### Features

- UL 1449 4<sup>th</sup> Edition Recognized
- Three distinct light-emitting diodes (LED) provide visual and remote alarm notification and protection status indication
- 200kA 8/20 $\mu$ s surge current capacity per phase
- Alarms both degradation and damage without suppressor failure

### Benefits

Unique circuit design provides improved performance and reliability. The small footprint features extended temperature operation in a Type 4 surge protection device with 200kA maximum surge capacity.

### Basic Applications

- Light-industrial
- Power
- Process controls
- Semiconductor power supplies and electronics
- Transportation
- Other commercial applications

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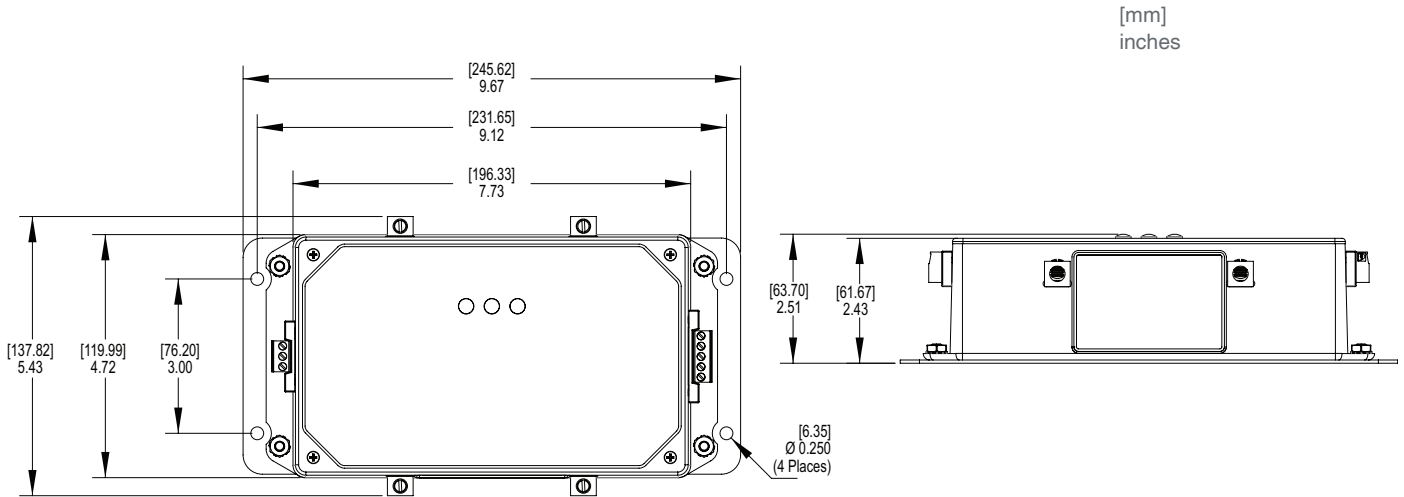
*\*Fault Current Rating is applicable only if product is installed in cabinet larger than 10' x 10' x 4' and rated NEMA 3R or better.*

Electrical	AC2XXV-06-07
Surge Protection Device (SPD) Type to UL	Type 4
Operating AC Voltage	1 $\phi$ 240/120V
Maximum Continuous Operating AC Voltage (MCOV): Line-Neutral	140V
Nominal Discharge Current [ $I_n$ ]	20kA
Maximum Surge Current Capacity [ $I_{max}$ ]:	Line-Neutral 200kA
*Fault Current Rating	65kA with 200 Amp breaker
Voltage Protection Rating (VPR):	Line-Neutral 800V

Mechanical	AC2XXV-06-07
Connection Terminal (Alarm) Hardwired	#28-#12 AWG [.08mm <sup>2</sup> -4mm <sup>2</sup> ]
Connection Terminal (Suppression) Hardwired	#14-#10 AWG [2.5mm <sup>2</sup> -6mm <sup>2</sup> ]
Connection Method	Compression Lug
Operation Temperature (°C)	-40° C to +80° C
Enclosure Type (Indoor)	Type 1
Enclosure Dimension (L x W x H)	9.87" x 4.72" x 2.51" [245.62 x 137.82 x 63.7 mm]
Weight	2.5 lbs [1.13 kg]

Standards Compliance & Certifications	
UL 1449 4 <sup>th</sup> Edition: 2009, IEEE C62.41.2: 2002	
Certification	UL
Standards	ANSI, IEEE, NEC

### Product Diagram



AWG=American Wire Gauge

