

Edco HVCP-48-BNC Series

Analog Camera Protection

■ Power Switching & Controls
For Business-Critical Continuity™

The Edco HVCP-48-BNC is a hybrid surge protection product featuring video, power and data protection in a single package. The Edco HVCP-48-BNC is ideal for protecting pan-tilt-zoom cameras that require video, power and control wires. Each circuit is capable of handling high-current impulses while tightly clamping transients.

General Technical Specifications

DC Power Protection (VS)	
Operating Voltage	48 VDC
Operating Current	1 Amp
Clamping Voltage	70 VDC
Total Peak Surge Current Rating	10 kA
SPD Technology	GDT, SAD, Series Element
Connection	5.08mm Terminal Block Plug
High Speed Data Protection (SDIO)	
Clamping Voltage	15 VDC
Total Peak Surge Current Rating	10 kA
SPD Technology	GDT, SAD, Series Element
Connection	5.08mm Terminal Block Plug
Video Protection	
Clamping Voltage	2 VDC
Total Peak Surge Current Rating	10 kA
SPD Technology	GDT, SAD, Series Element
Connection	Female BNC Jack
Physical Data	
Ground Wire	12 AWG, 36.0" Long
Dimensions	3.3 L x 3.3 W x 1.35 H (inches)
Material	High Impact Plastic
Weight	12 oz.
Mounting	Flange mounted, 3.75" mounting hold distance, (.188 dia.) (2x) DIN Rail mounting (Optional)
Environmental	
Operating Temperature	-40 °C to +74 °C
Operating Humidity	0% to 95% Non-condensing
Wiring Terminal	
Wire Range	28-12 AWG
Torque	4.5 LB in
Strip Length	.28 -.31 in
Certifications	
Environmental	RoHS Compliant
Safety	UL 497B Listed, Tested to IEC 802.11
Warranty	1 Year



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Features

- Three separate hybrid circuits
- Ultra low capacitance, low signal loss
- Rugged three-stage design
- Optional DIN rail assembly (sold separately)
- 1 Year warranty



Edco HVCP-48-BNC-4X



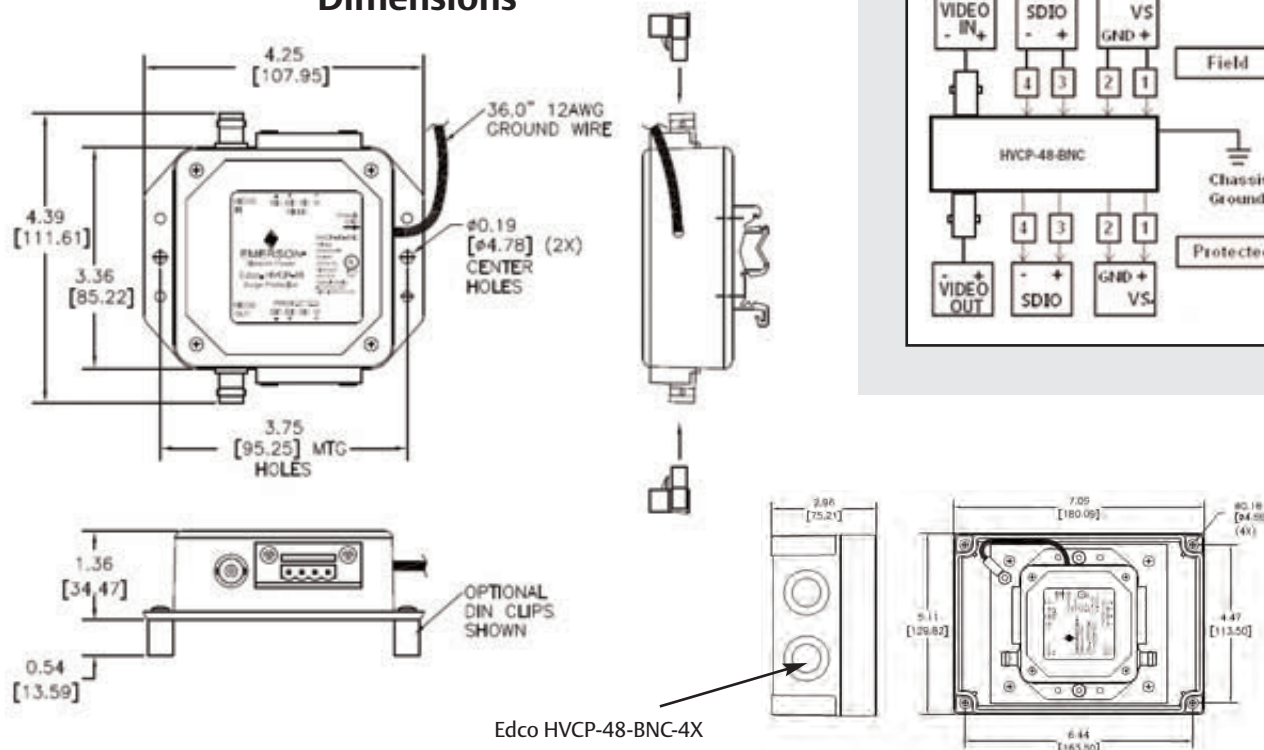
Installation

1. Mount device as close to protected equipment as possible using mounting holes in flanges (2x) (See Drawing 1). Hardware not supplied. For HVCP-48-BNC-4X model remove cover and mount enclosure using four mounting screws provided (See Drawing 2). Pilot holes may be required.
2. Strip power and data wires going to the field and protected terminal plugs on the device .28-.31 inches.
3. Connect power wire from field side to the field side terminal on device marked "VS+" and "GND" for the ground.
4. Connect data wiring from field to the field side of device marked "SDIO+" and "SDIO-".
5. Connect video wire from field to the field side to BNC terminal marked "Video In".
6. Connect protected equipment wiring to all corresponding terminal on the protected side of the device.
7. Connect chassis ground wire to a "building approved AC ground" point. For the Edco HVCP-48-BNC-4X use a #12 AWG wire (not provided) and the #6 ring terminal and hardware (provided) to connect to the ground stud within unit. Wire should be as short and straight as possible.

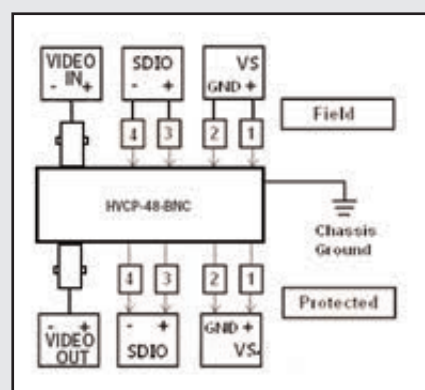
Optional DIN Mounting Kit, (Sold Separately):

Part number: 11852KIT (See IO-50139 for installation instructions)

Dimensions



Wiring Diagram



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