

# DC Surge Protection

## DCOD Series

1452-018 RevA

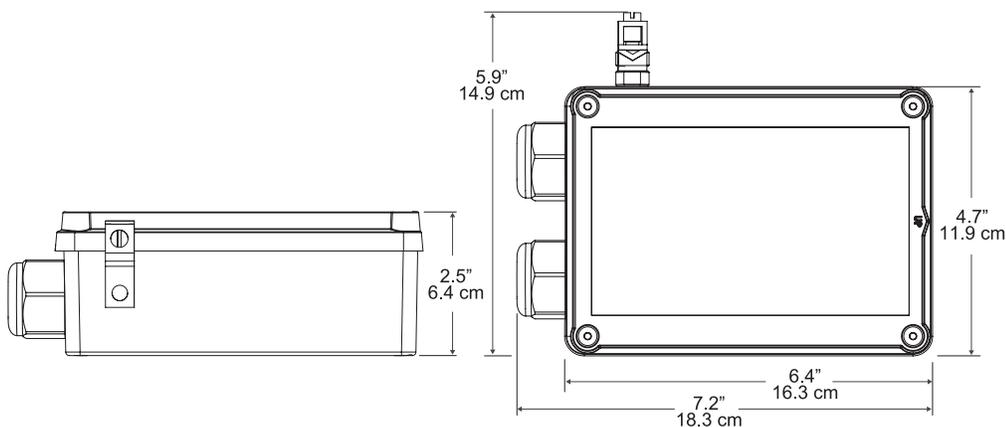


DCOD 24-2.5  
1101-1024

The DCOD series of products offer SASD based technology that provides non-degrading, silicon protection for dc power supplies up to 25 A in an outdoor enclosure

### Features

- Non-degradable, low clamping, silicon avalanche diode suppression
- Options available to protect 24 Vdc and 48 Vdc applications
- Outdoor NEMA 3R enclosure
- Three mode protection-supply to return, return to ground and supply to ground
- Shunt protectors that also provide a wired "in-line" input and output lug connectors
- Dry contacts for alarming



DCOD Models	DCOD 24-2.5	DCOD 24-5	DCOD 48-2.5	DCOD 48-5
Part Number	1101-1024	1101-1026	1101-1025	1101-1027

### Performance

Nominal Voltage	24 Vdc	24 Vdc	48 Vdc	48 Vdc
Maximum Continuous Operating Voltage	44 Vdc	44 Vdc	88 Vdc	88 Vdc
Nominal Discharge Current (8/20 $\mu$ s)	2.5 kA	5 kA	2.5 kA	5 kA

### Mechanical

Wire Range	#8 to #6 AWG (16 mm <sup>2</sup> max)
Terminal Torque	10 lb-in
Mounting	#8 screws 4" centers
Remote Indication	3 pin No/NC/C contacts
Remote Contact Current Rating	2A
Dimensions - H x W x D	7.2" x 5.9" x 2.5", 18.3 cm x 14.9 cm x 6.4 cm
Weight (max) lb, kg	1.0, 0.4

### Environmental

Operating Temperature	-40°C to +85°C
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