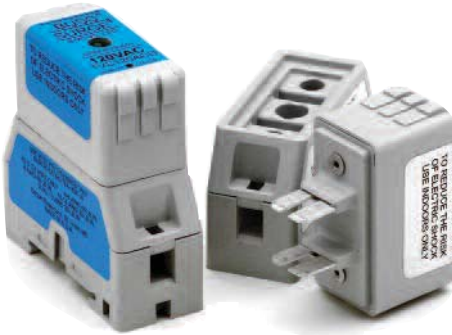
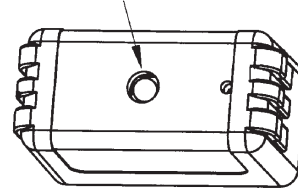


# DIN-Rail TVS Series



### Status LED

OFF - Suppressor Non-Operational (power may be on)  
GREEN - Suppressor Operational (power on)



### Specifications

**Description:** DIN-Rail mount voltage surge protection system for AC or DC voltage using diode or MOV technology.

### Construction:

**Suppressor:** Case: 20% glass filled PES (Polyethersulfone)  
Terminals: 110 Copper  
Terminal Plating: Electroless tin

**Holder:** Case: 15% glass filled PBT (Polybutylene Terephthalate)  
Interface Clips: CDA 7025  
Interface Clip Plating: Electroless tin  
Contact Lubricant: Fluoroether grease  
Box Lug: Copper  
DIN-Rail Springs: Stainless steel

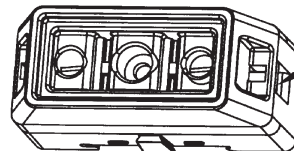
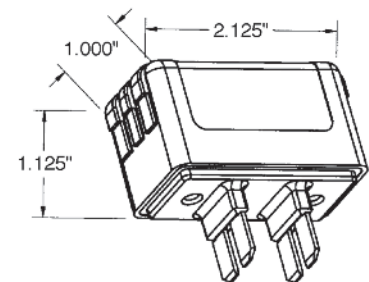
### Ratings\*:

- Volts: — 12Vdc (2kA surge current)
- 24Vdc (2kA surge current)
- 48Vdc (2kA surge current)
- 120Vac (7kA-18kA surge current)
- 240Vac (7kA-18kA surge current)

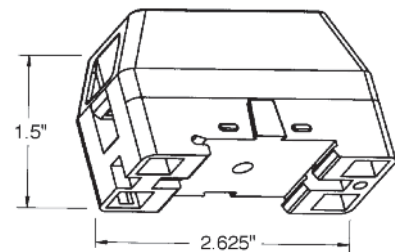
\* See Catalog Numbers table for all specifications pertaining to specific voltage ratings.

**Agency Information:** UL Recognized (UL 1449) for AC products, (UL 497B) for DC products, CSA Approved.

### Dimensions - in



Power Terminals  
14AWG - 4AWG  
Dual 10AWG



### Product Specifications:

1. All TVS devices have non-polarized electrical connections as shown.
2. Suppressor voltage characteristics per chart.
3. Suppressor to provide non-interrupted service.
4. Enclosure material is 94V0 flame and explosion resistant.
5. Product markings show manufacturer, part number and safety warnings as required.
6. Mechanical dimensions as noted.
7. Suppressor Status LED as shown.
8. AC units operate on either 50 or 60Hz.

### Catalog Numbers

Catalog Numbers	Voltage Application	MCOV	Technology	SVR 500A, 8x20µs	Surge Current Rating	Agency Information	Label Color
TVS12DCD	12Vdc	14Vdc	SASD	36Vdc	2kA	UL 497B	Red
TVS24DCD	24Vdc	28Vdc	SASD	58Vdc	2kA	UL 497B	White
TVS48DCD	48Vdc	57Vdc	SASD	90Vdc	2kA	UL 497B	Black
TVS120ACD	120Vac	140Vac	SASD	330Vac	7kA	UL 1449	Blue
TVS120ACM	120Vac	140Vac	MOV	500Vac	18kA	UL 1449	Grey
TVS240ACD	240Vac	280Vac	SASD	600Vac	7kA	UL 1449	Blue
TVS240ACM	240Vac	280Vac	MOV	800Vac	18kA	UL 1449	Grey

Data Sheet: 9006