

# ARREX

**LIGHTING ARRESTERS 6000A CLASS  
FOR DC POWER SUPPLY LINES**

**MODEL  
SD- $\grave{a}$**

## MODEL

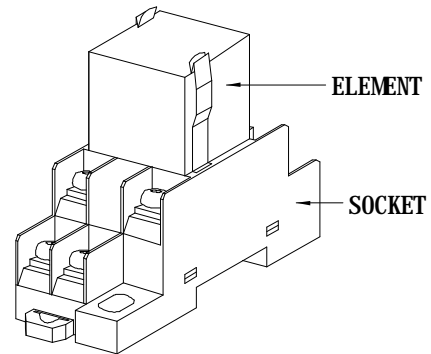
- † SD-12 (at 12VDC)
- † SD-24 (at 24VDC)
- † SD-48 (at 48VDC)

## COMMON SPECIFICATIONS

Construction : plug-in  
Housing material : plastic (black)

## INSTALLATION

Operating temperature : -10 to +60 $\grave{C}$   
Operating humidity : 90%RH(non-condensing)  
Mounting : WALL or DIN rail  
Size : W28 X H71 X D78  
Weight : 72g



The Vector Lightning Arrester Model SD- $\grave{a}$  is designed specifically for 12/24/48VDC power supplies. A temperature fuse is provided to protect the power source in case of breakdown of the discharge element itself

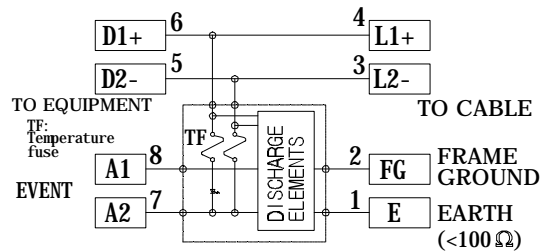
## SPECIFICATIONS

PARTICULAR		DATA		
Model		SD-12	SD-24	SD-48
Discharge Voltage	btwn lines	$\geq 20V$	$\geq 35V$	$\geq 61V$
	btwn lines & ground	$\geq 423V$		
Max. surge Voltage (8x20 $\mu$ s)	btwn lines	$\leq 43V$	$\leq 77V$	$\leq 135V$
	btwn lines & ground	$\leq 775V$		
Discharge Current Capacity		6000A(8x20 $\mu$ s)		
Maximum Leakage Current	btwn lines	$\leq 5\mu A$		
	btwn lines & ground	$\leq 1mA$ (at 423V)		
Response Time		$\leq 0.1\mu$ sec		
Max. Load Current		$\leq 10A$		

## DESCRIPTIONS

- † DIN rail or wall mount
- † Compact and light-weight
- † Plug-in structure
- † No interruption of transmission when unplugging the arrester element
- † Lightning surges are absorbed to a large extent. The SD-12/24/48 has high responsiveness
- † The unit incorporates a lamp to monitor element shortcircuits. If used with a relay, the element status can be checked from remote locations.

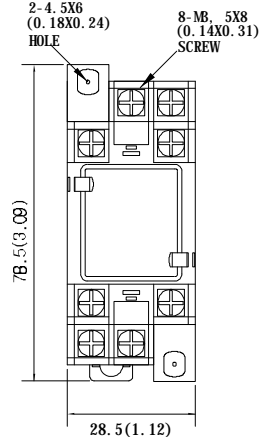
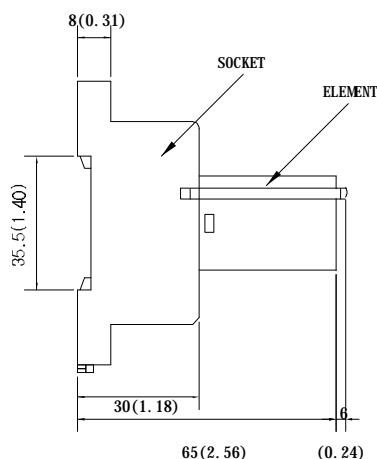
## SCHEMATIC CIRCUITRY



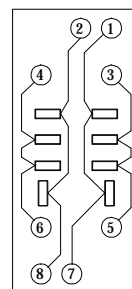
## SOCKET

Model : PTF08A-A

### DIMENSIONS [Scale : mm(inch)]



### TERMINAL TOP VIEW



### FIXTURE SIZE

