

ARREX

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

**MODEL
SD-100**

MODEL

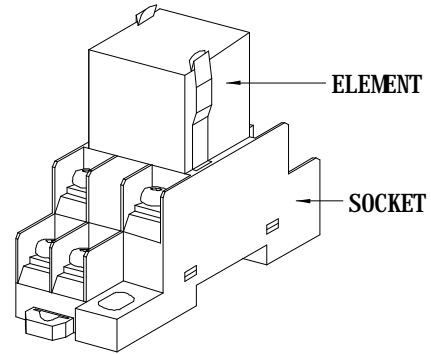
SD-100 (at 90-140VDC)

COMMON SPECIFICATIONS

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

INSTALLATION

Operating temperature : -10 to +60°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-100 is designed specifically for 100VDC power supplies. A temperature fuse is provided to protect the power source in case of breakdown of the discharge element itself.

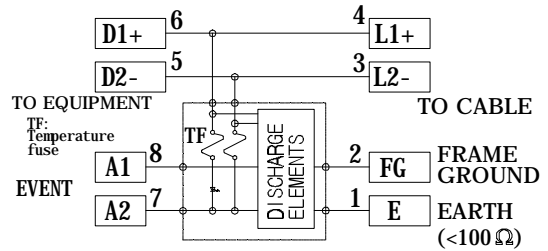
SPECIFICATIONS

PARTICULAR		DATA
Model		SD-100
Discharge Voltage	btwn lines	≧185V
	btwn lines & ground	≧423V
Max. surge Voltage (8x20μs)	btwn lines	≧340V
	btwn lines & ground	≧775V
Discharge Current Capacity		6000A(8x20μs)
Maximum Leakage Current	btwn lines	≦1mA (at 170V)
	btwn lines & ground	≦1mA (at 423V)
Response Time		≦0.1μs
Max. Load Current		≧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-100 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.

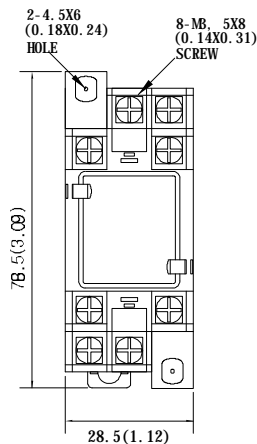
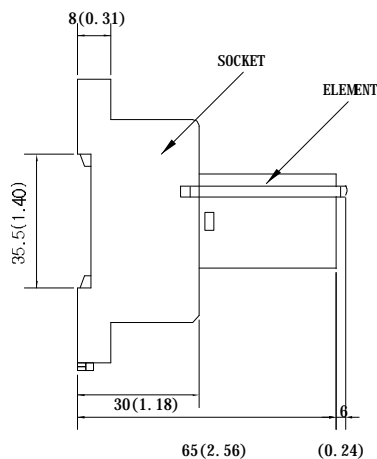
SCHEMATIC CIRCUITRY



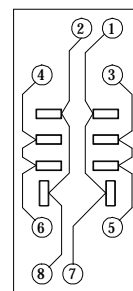
SOCKET

Model : PTF08A-A

DIMENSIONS [Scale : mm(inch)]



TERMINAL TOP VIEW



FIXTURE SIZE

