

ARREX

LIGHTNING ARRESTERS FOR ONE-CIRCUIT MODEMS

MODEL
SF-1 \grave{a}

MODEL

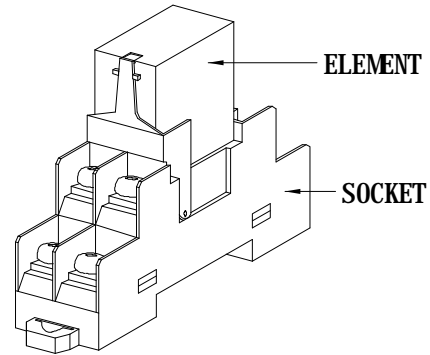
- † SF-112 (at ONE-CIRCUIT 12VDC)
- † SF-124 (at ONE-CIRCUIT 24VDC)
- † SF-148 (at ONE-CIRCUIT 48VDC)

COMMON SPECIFICATIONS

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

INSTALLATION

Operating temperature : -10 to +60 ^\circ C
Operating humidity : 90%RH(non-condensing)
Mounting : WALL or DIN rail
Size : W19.5 X H85.5 X D54
Weight : 50g



The Vector Lightning Arrester Model SF-1 \grave{a} is designed specifically for One-Circuit 12VDC/24VDC/48VDC Modems
It absorbs lightning arrester entering through twisted pair cables linking each Modem unit to protect it.

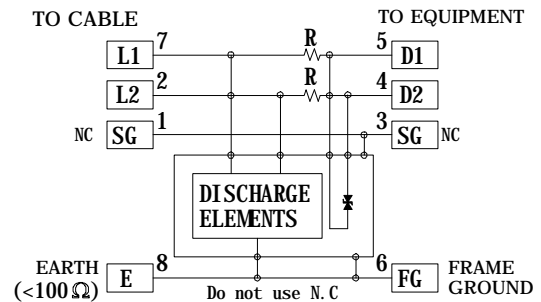
SPECIFICATIONS

PARTICULAR		DATA		
Model		SF-100	SF-124	SF-148
Discharge Voltage	btwn lines	$\geq 25V$	$\geq 42V$	$\geq 74V$
Maximum Leakage Current	btwn lines	$\leq 5\text{mA}$ (at 25V, 42V, 74V)		
	btwn lines & ground	$\leq 5\text{mA}$ (at 150VDC)		
Max. surge Voltage	btwn lines	$\leq 50V$	$\leq 88V$	$\leq 153V$
Discharge Current Capacity		1000A(8x20 ms)		
Response Time	btwn lines	0.001 ms sec		
	btwn lines & ground	0.1 ms sec		
Internal Series Resistance		Approx. 6 $\text{m}\Omega$ (including return)		
Max. Load Current		100mA		
Electrostatic capacity	btwn lines	< 1700pF	< 1000pF	< 610pF
	btwn lines & ground	< 3pF		

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 SF-1 \grave{a} has high responsiveness

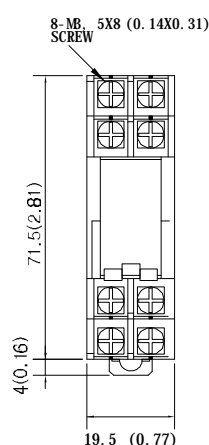
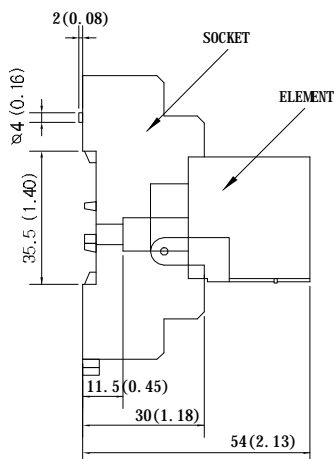
SCHEMATIC CIRCUITRY



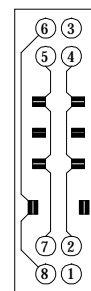
SOCKET

Model : P2RF-08-F

DIMENSIONS [Scale : mm(inch)]



TERMINAL TOP VIEW



FIXTURE SIZE

