

ARREX

LIGHTNING ARRESTERS FOR 4-WIRE R.T.D.

MODEL
SK-412

TYPICAL APPLICATIONS

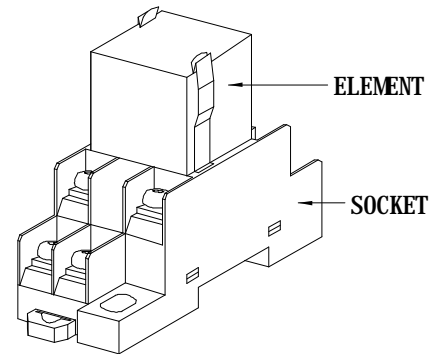
Four-Wire R.T.D or transmitter

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 : W28.5 X H71 X D78.5
Weight : 72g



The Vector lightning Arrester Model SK-412 is designed specifically for 4-wire R.T.D or transmitter. Lightning surges damage that enters into wiring between the R.T.D and transmitter will be absorbed by the SK-412, thus will protect the R.T.D and transmitter.

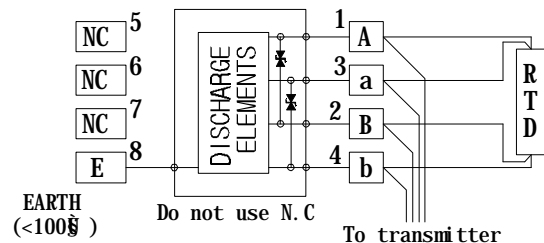
SPECIFICATIONS

PARTICULAR		DATA
Model		SK-412
Discharge Voltage	btwn A-B, a-b	$\cong \frac{1}{4} 16V$
	btwn A-B, a, b-E	$\cong 5\frac{1}{2}$ (at 16VDC)
Maximum Leakage Current	btwn A-B, a, b-E	$\cong 1mA$ (at 135VDC)
	btwn A-B, a-b	$\cong 34V(8x20\frac{1}{8})$
Max. surge Voltage	btwn A-B, a, b-E	$\cong 250V(8x20\frac{1}{8})$
	btwn A-B, a, b-E	$\cong 3500A(8x20\frac{1}{8})$
Discharge Current Capacity		3500A(8x20 $\frac{1}{8}$)
Response Time	btwn A-B, a-b	< 0.001nsec
	btwn A-B, a, b-E	< 1 μ sec
Internal Series Resistance		Approx. 0.1 Ω (including return)
Max. Load Current		100mA

DESCRIPTIONS

- Four-Wire R.T.D or transmitter
- 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 SK-412 has high responsiveness

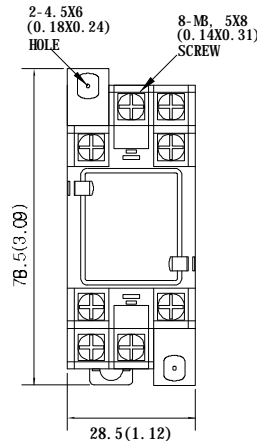
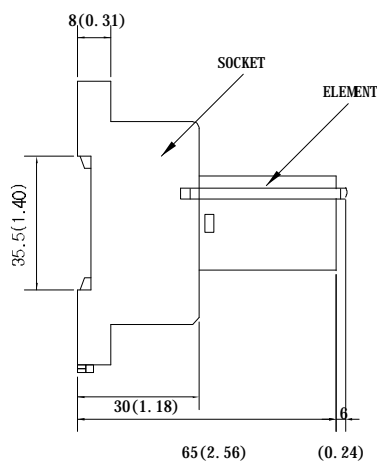
SCHEMATIC CIRCUITRY



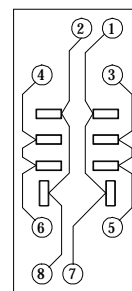
SOCKET

Model : PTF08A-B

DIMENSIONS [Scale : mm(inch)]



TERMINAL TOP VIEW



FIXTURE SIZE

