Telecommunication Surge Arrester

◎ Ordering Model Code

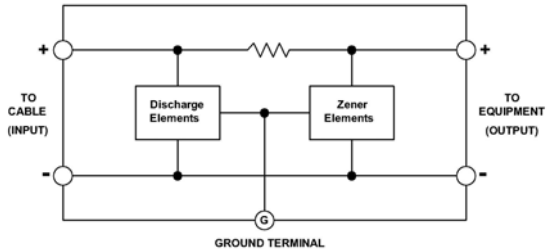
SCN-AR-232

◎ Features

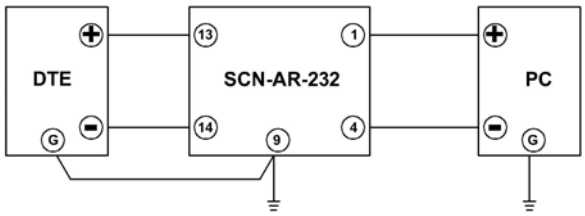
SCN-AR-232 Telecommunication Surge Arrester is used on telecommunication systems to protect communication equipment from the damaging effects of over-voltage transients caused by lightning or switching events of electrical equipment.
Circuits are composed of sensitive elements of TVS (Transient Voltage Suppressor) and GDT (Gas Discharge Tube) which are connected to the communication line in serial and parallel. These are functioning like High Impedance which does not effect on the measured signals at the normal operating condition of the device.

- For RS-232
- Double Protection Circuits
- Protection Mode: 3 Modes (L1-L2, L1-G, L2-G)

◎ Block Diagram



◎ Terminal Connection



◎ Specifications

Item	Specifications
Nominal Impulse Discharge Current	20kA / mode (8 x 20 uS) 60kA / Total (8 x 20 uS)
Response Time	1 nsec or less
Internal Serial Resistance	Approx 5 Ohms 2 wire including return
Discharge Voltage	26V ~ 28V or more
Maximum Line Voltage	27V DC
Maximum Load Current	200mA
Rated Voltage	21V DC
Current Leakage	100㎂ or less
Ambient Temperature and Humidity	-40℃ ~ 80℃ 90% RH
Elements Used	UL Certified
Featured Function	Automatic Return after Surge Inflow
Case Material & Color	Flame-resistant Resin / Black
Mounting	Plug-in Type Base & Body Separable
Weight	100g
Dimensions	22(W) x 75(H) x 85(D) mm

◎ Dimensions