

Surge Arrester



■ Features

- Employ the protection method in combination with gas-filled discharge tube, zener diode and varister
- Realize the surge discharge volume 10kA
- It's easy to check and maintenance with removable cassette method regarding body of the machine and terminal platform.
- Simplify the DIN rail mounting.

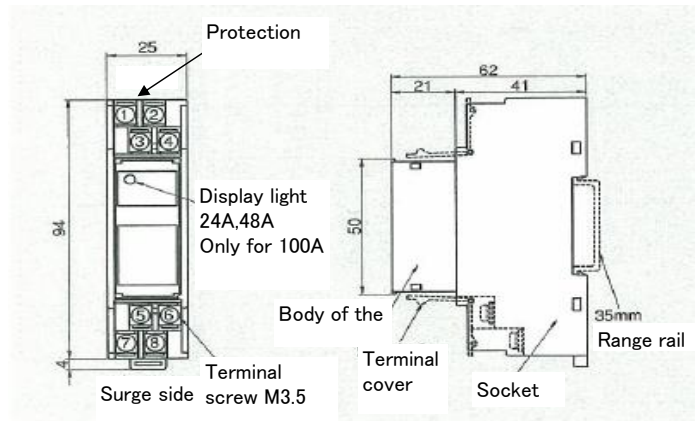
SPECIFICATIONS

■ Ordering code

AN226-□□□□

A20	DC4~20mA
A50	DC10~50mA
TC	Thermocouple
PT	Resistance thermodetector
PM	Potentiometer
SP	Slow pulse
24	DC24V
48	DC48V
24A	AC/DC24V
48A	AC/DC48V
100B	AC/DC110V

■ Dimension



■ General specification

Type	For the signal circuit								For the power supply circuit		
Model(product code)	AN226-A20	AN226-A50	AN226-TC	AN226-PT	AN226-PM	AN226-SP	AN226-24	AN226-48	AN226-24A	AN226-48A	AN226-100B
Application	4~20mA	10~50mA	Thermocouple	RTD	Potentiometer	Slow pulse	DC24V	DC48V	AC/DC 24V	AC/DC 48V	AC/DC 110V
Rated voltage	DC24V	DC48V	DC5V	DC8V	DC5V	DC12V	DC24V	DC48V	AC/DC 24V	AC/DC 48V	AC/DC 110V
Rated current	100mA						200mA		2A		
Leaked current	5μ Amax		10μ Amax	2μ Amax	10μ Amax		5μ Amax		10μ Amax		
Voltage for starting operation (1mA)(L-L)	30Vmin	61Vmin	6.7Vmin	11Vmin	6.7Vmin	14Vmin	30Vmin	60Vmin	40Vmin	84Vmin	180Vmin
Voltage for start to discharge(1mA)(L-E)	150Vmin								300Vmin		
Limited voltage (1000A)(I-L)	40Vmax	100Vmax	14Vmax	22Vmax	14Vmax	25Vmax	40Vmax	100Vmax	250Vmax	400Vmax	
Limited voltage (1000A)(I-L)	300Vmax								400Vmax		800Vmax
Internal resistance	10Ω ±10%(1 wire)			2Ω ±1%(1 wire)	10Ω ±10%(1 wire)		1Ω ±10%(1 wire)		-	-	-
Number of port	2 port complex type								1 port complex type		
Response time	0.1μ smax								0.1μ smax		
The volume for discharge(8/20 μ s) (L-L)	5,000A(2 times)								2,000A(2 times)		5,000A (2 times)
The volume for discharge(8/20 μ s) (L-E)	10,000A(2 times)								2,000A(2 times)		5,000A (2 times)

■ Common specifications

Operating temperature range	-5~55°C
Operating humidity range	Less than 90 % RH (Non condensing)
Mounting method	35mm range rail mounting
Connecting method	M3.5 screw connection
Putting category	II
Degree of contamination	2
Test class	Class III
Protection level	IP10
Net Weight.	70g (24A,48A,100B : 120g)