

POWER ARRESTER

DA - 1

ARRESTER FOR LARGE-CURRENT POWER

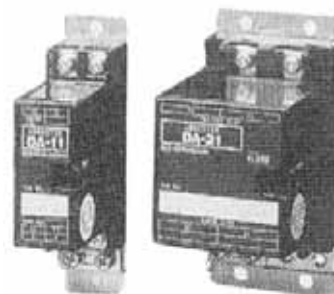
DA - 2

Use

DA series are indoor installation type arresters that can absorb voltage of induced lightning surge caused on a signal line by lightning discharge, thus protects instrument.

Features

- Besides small plug-in structure, the device has a structure that line does not open even if main body is pulled out of terminal block. This feature makes the device superior in conservativeness.
- Both DA - 1 and DA - 2 have a built-in fuse for line short fault protection. Especially, when a fuse burnt out, a window on the main body of DA - 2 turns white to indicate it.



DA-11

DA-21

Specification

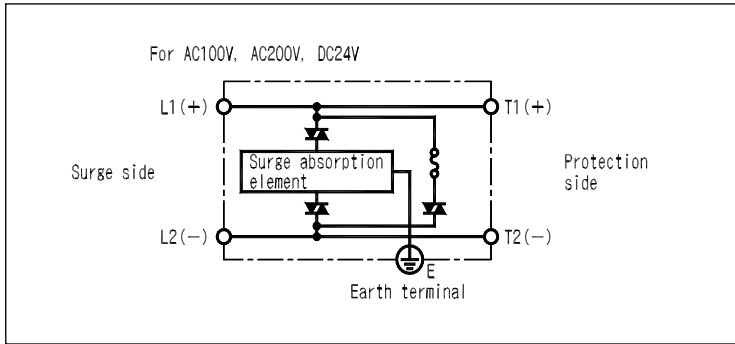
Common specification

Ambient temperature	-10- + 55
Relative humidity	5-90%RH (no condensation)
Withstand voltage	Do not carry out a withstand voltage test. It may damage internal elements.
Earth	D type grounding (earth resistance 100Ω) With connecting fitting for earth terminal
Structure	Small plug-in structure, material: fire retardant ABS resin (black)
Mounting	Wall mounting

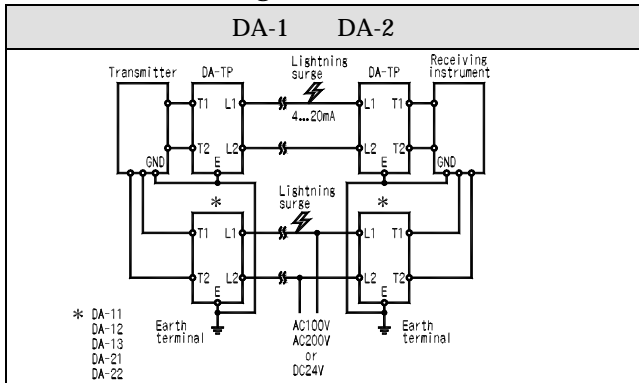
Individual specification

Type name		DA-11	DA-12	DA-13	DA-21	DA-22
Power rating		For power source AC125V/DC180V	For power source AC250V	For power source DC30V	For power source AC125V/DC180V	For power source AC250V
P e r f o r m a n c e	Spark over voltage	Line 240V Earth 420V	420V 420V	74V 74V	240V 420V	420V 420V
	Clamping voltage (line)	600V	1000V	250V	600V	1000V
r	Leakage current	Line 1mA (at DC200V) Earth 1mA (at DC400V)	1mA (at DC400V) 1mA (at DC400V)	10μA (at DC50V) 10μA (at DC50V)	1mA (at DC200V) 1mA (at DC400V)	1mA (at DC200V) 1mA (at DC400V)
	Response time	0.1μs	0.1μs	0.1μs	0.1μs	0.1μs
a	Discharge withstand current rating	1,000A (8/20μs)	1,000A (8/20μs)	1,000A (8/20μs)	1,000A (8/20μs)	1,000A (8/20μs)
c	Maximum load current	AC3A/DC3A	AC3A/DC3A	DC3A	AC20A/DC20A	AC20A/DC20A
e	Allowable voltage of terminal	AC125V/DC180V	AC250V/DC360V	DC30V	AC125V/DC180V	AC250V/DC360V

Block diagram



Connection diagram

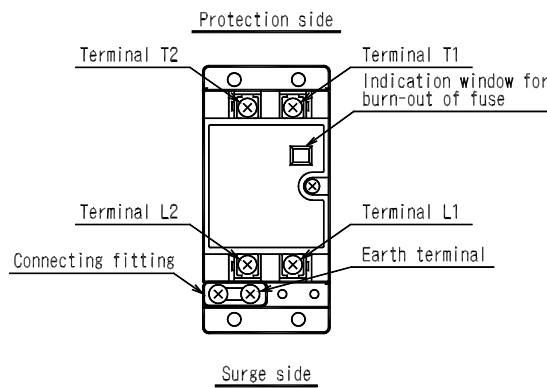
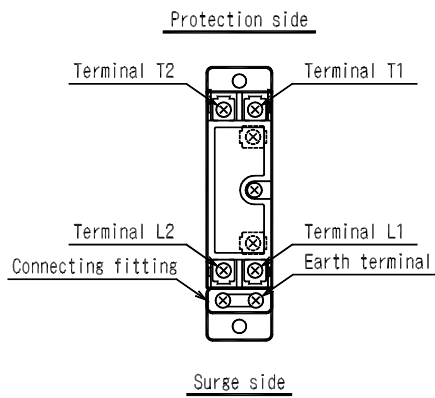


DA-1

DA-2

Terminal arrangement

Application		DA11,12,21,22	DA-13
Protection side terminal	T1	U	+
	T2	V	-
Surge side terminal	L1	U	+
	L2	V	-



Purchase specifications

Specifications	
DA-1 ← Kinds of rating voltage	DA-2 ← Kinds of rating voltage
Kinds of power rating	
Mark	Power rating
1	For power source AC125V/DC180V
2	For power source AC250V
3	For power source DC30V
Kinds of power rating	
Mark	Power rating
1	For power source AC125V/DC180V
2	For power source AC250V