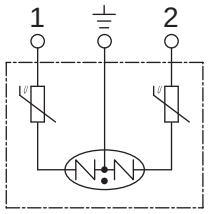
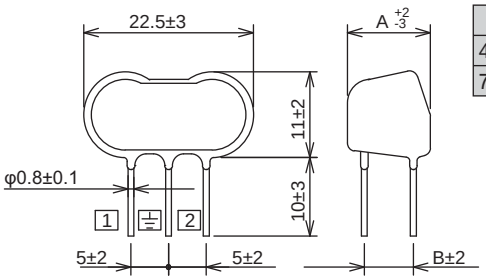
R·A·V-LDEZ

Designed specifically for use in AC power line applications. This model uses specially treated discharge electrodes for greatly enhanced noise immunity test and surge life making it optimum for the protection of single-phase power supply circuits.

● *Circuit*



● *Dimensions*



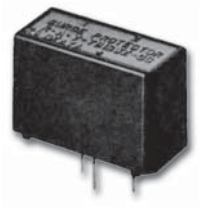
Model	A	B
401LDBZ	11	6.5
781LDBZ	12	7.5

Unit: mm

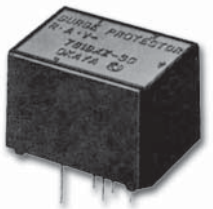
R·A·V-BWZ-3C, BXZ-3C

Use of surge protectors: Inverter, NC control systems, Welding machines and etc.

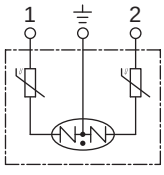
BWZ-3C series

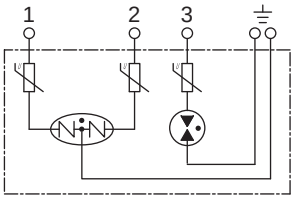


BXZ-3C series



● *Circuit*

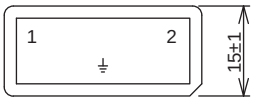




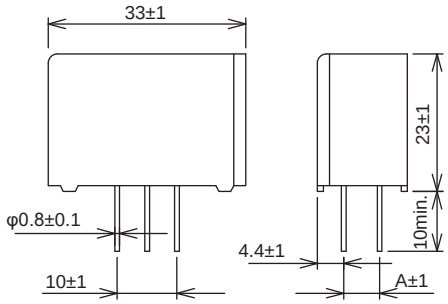
Safety Standard		File No.
UL	:UL1449 4th.	E322107
CSA	:C22.2 No.8	LR105073

● *Dimensions*

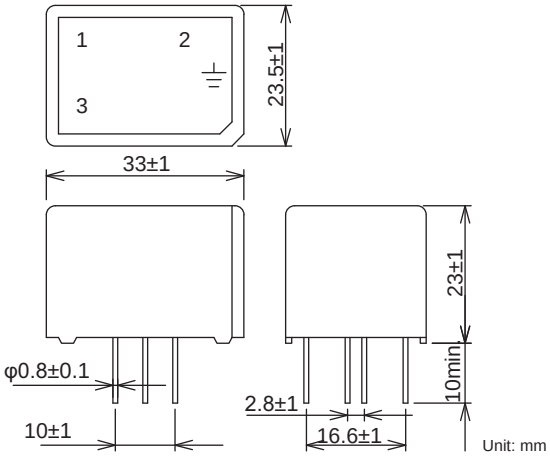
BWZ-3C series



Model	A
401BWZ-3C	6
781BWZ-3C	6.9

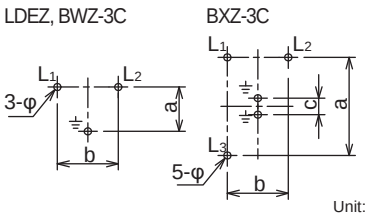


BXZ-3C series



Unit: mm

● *Print circuit board hole dimensions*



Unit: mm

Model Number	Dimensions (mm)			
	a	b	c	φ
401LDEZ	6.5	10	-	1.2*
781LDEZ	7.5			
401BWZ-3C	6			
78BWZ-3C	6.9			
781BXZ-3C	16.6		2.8	

* Reference Value

Electrical Specifications

Safety Standard	Model Number	Line Voltage 50/60Hz		Max. Line Voltage (V)	Clamping Voltage (V) ±10%	Impulse Discharge Current 8/20μs (A)	Withstanding Impulse Voltage 1.2/50μs (V)	Capacitance (pF)*	Weight (g)*
	R·A·V-401LDEZ	Single Phase	AC125V	145	403	1,000	12,000	100	10
	R·A·V-781LDEZ	Single Phase	AC250V	300	783			50	
	R·A·V-401BWZ-3C	Single Phase	AC125V	145	403	2,500	20,000	100	20
	R·A·V-781BWZ-3C	Single Phase	AC250V	300	783			50	
	R·A·V-781BXZ-3C	Three Phase	AC250V						30

* Reference Value

Operating Temperature: -20~+70°C