R·A·V-BWZ-2A

This model is 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.

R·A·V-BXZ-2A

This model is designed specifically for use in three-phase power circuit applications. Combing multiple PAVs with specially treated electrodes for greatly enhanced noise immunity test and surge life, this model is constructed in a unit-molded body.

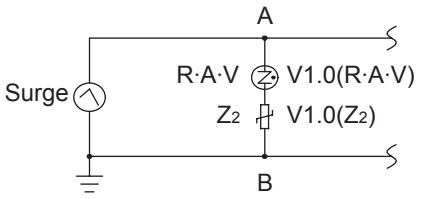
R·A·V-BYZ-2

This model is designed specifically for use in three-phase power circuit applications. It is designed to protect against “normal mode” noise transient surges.

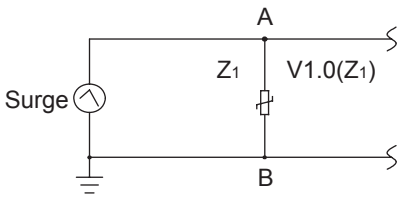
When used in conjunction with the RAV-BXZ-2A, it will furnish complete protection of equipment from both Normal and Common mode transient voltage surges.

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

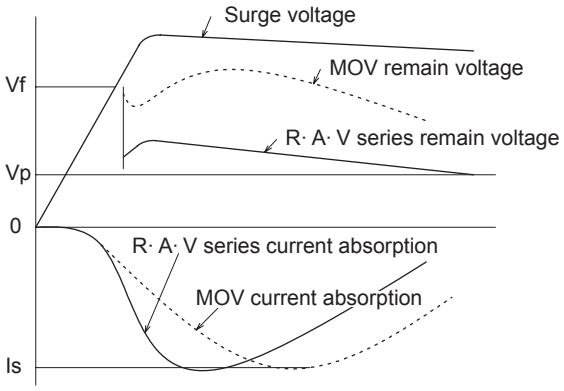
Surge Absorber



MOV



● *Surge Absorption Capacitance*
Remain Voltage Comparison Chart



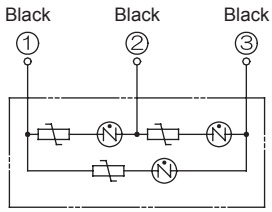
Vf: Beakdown voltage
Vp: Peak circuit voltage
$Vp=VAC\times\sqrt{2}$
IS: Max. surge current
$V1.0(R\cdot A\cdot V)+V1.0(Z_2)=V1.0(Z_1)$

R·A·V-BWZ-2A, BXZ-2A, BYZ-2 SERIES SURGE PROTECTIVE DEVICES

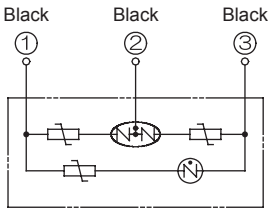
OKAYA

● *Circuit*

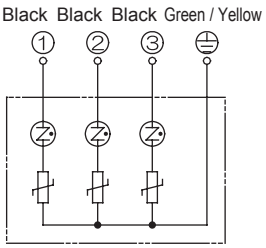
142BYZ-2



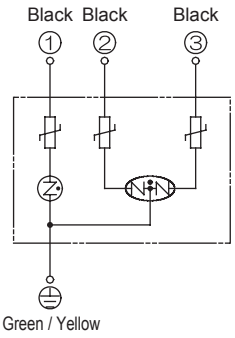
152BYZ-2A
781BYZ-2



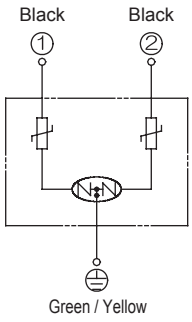
142BXZ-2A



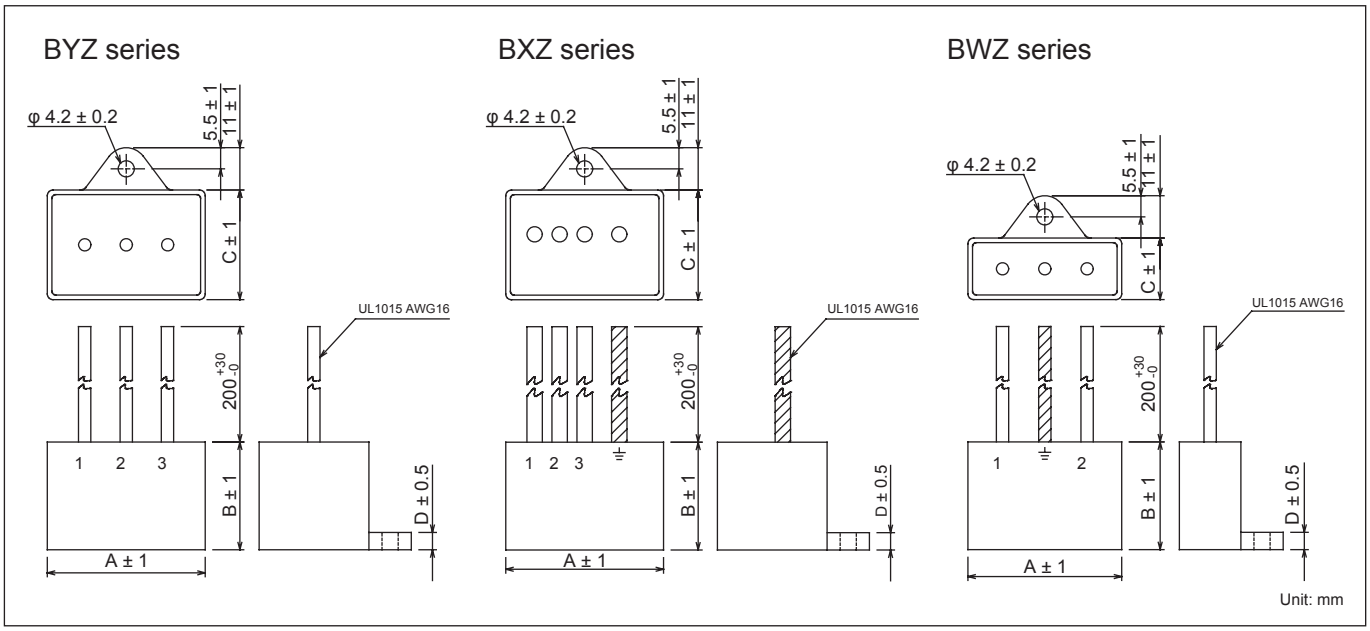
BXZ-2A



BWZ-2A



● *Dimensions*



Electrical Specifications

Safety Standard	Model Number	Line Voltage 50/60Hz		Max. Line Voltage (V)	Clamp Voltage (V) ±10%	Impulse Discharge Current 8/20μS (A)	Impulse Withstand Voltage 1.2/50μS (V)	Capacitance (pF) *	Operating Temp. Range (°C)	Weight (g)	Dimensions (mm)			
											A	B	C	D
	R·A·V-401BWZ-2A	Single Phase	AC125V	145	403	2,500	20,000	100	-20 ~ +70	50	40	28	16	4.5
	R·A·V-781BWZ-2A	Single Phase	AC250V	300	783			50		60				
	R·A·V-781BXZ-2A	Three Phase	AC250V							100	41		28.5	
	R·A·V-781BYZ-2							75						
	R·A·V-142BXZ-2	Three Phase	AC400V	450	1,385			40		140	59.9	43.5	30.6	5
	R·A·V-142BYZ-2					1,000	12,000							
	R·A·V-152BXZ-2A	Three Phase	AC460V	500	1,470	2,500	20,000	35		100	41	28	28.5	4.5
	R·A·V-152BYZ-2A													

* Central Value