



# R·A·V·BWZ-4, BWZ-5, BXZ-4, BXZ-5 SERIES SURGE PROTECTIVE DEVICES

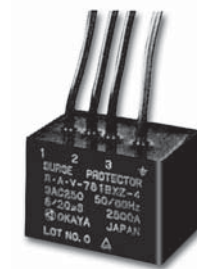


## Features

- These models are specifically designed for use in AC power line applications which may require European (CE) mark.
- They are designed for use in Single and Three-Phase applications for protection against “Common mode” noise transient surges.
- Three-Phase application include Delta and Y connections to 500VAC.

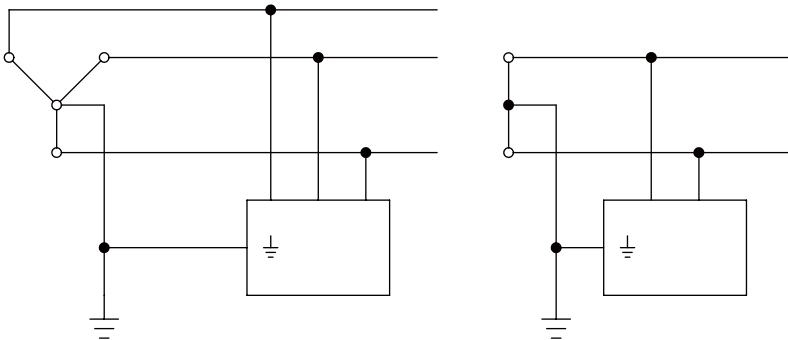


Safety Standard		File No.
UL	:UL1449	E322107
CSA	:C22.2 No.8	LR105073
TÜV	:EN60099-1	J9551051



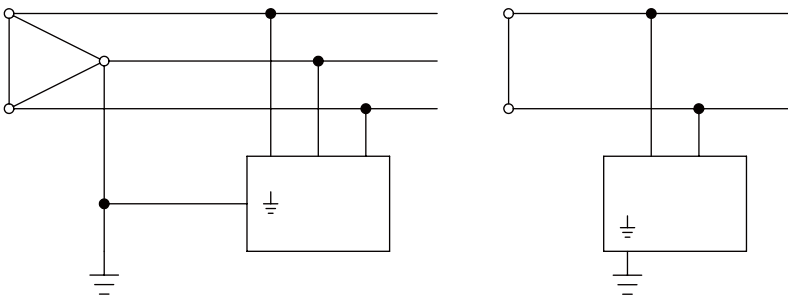
## Circuit

- Y connection



Y connection - 1  $\phi$  ~ 430VAC : R·A·V-781BWZ-4  
 3  $\phi$  ~ 430VAC : R·A·V-781BXZ-4  
 3  $\phi$  ~ 500VAC : R·A·V-801BXZ-4

-  $\Delta$  connection



$\Delta$  connection - 1  $\phi$  ~ 250VAC : R·A·V-781BWZ-4  
 3  $\phi$  ~ 250VAC : R·A·V-781BXZ-4  
 3  $\phi$  ~ 290VAC : R·A·V-801BXZ-4

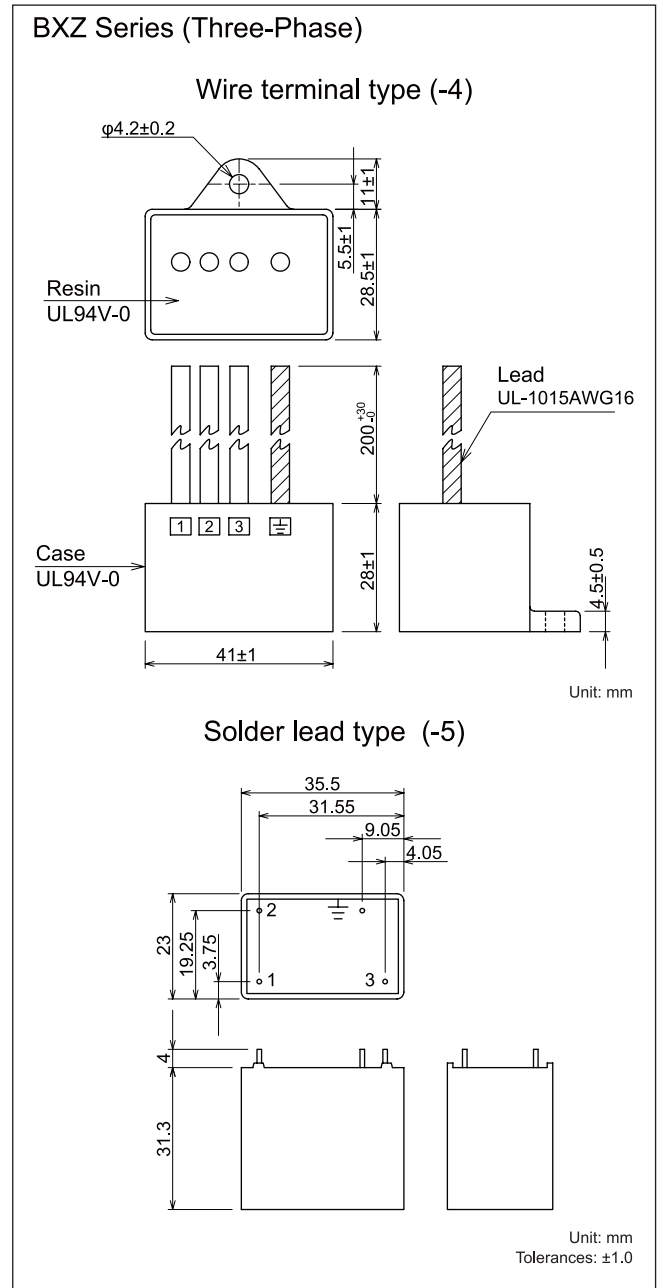
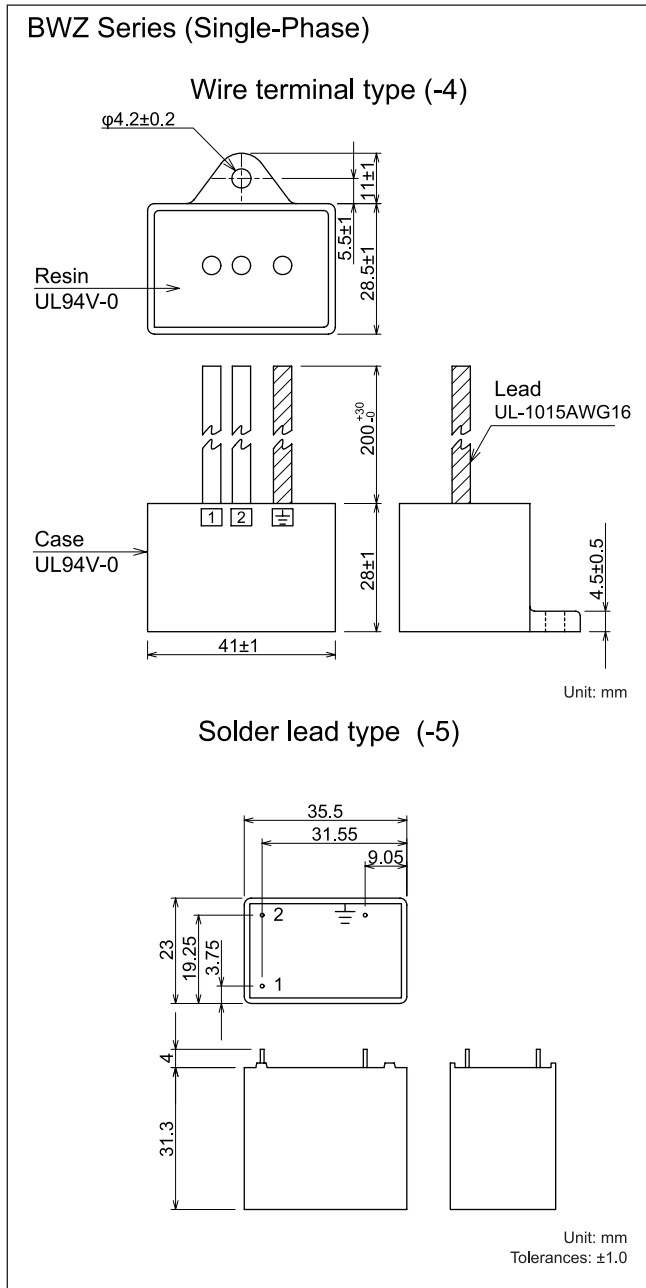
## Electrical Specifications

Safety Standard	Model Number	Rated Voltage		Power Frequency Sparkover Voltage(Ua)	Nominal Discharge Current(Ins) 8/20 $\mu$ s	Max. Impulse Sparkover Voltage (us) 1.2/50 $\mu$ s	Max. Impulse Sparkover Voltage (usa) 10,000V/ $\mu$ s	Max. Residual Voltage (ur) 8/20 $\mu$ s (2,500A)
		$\Delta$ connection (L-L, L- $\text{L-}$ )	Y connection (L-L, L- $\text{L-}$ )					
	R·A·V-781BWZ-4	250VAC	250/500VAC	700 $\pm$ 20%	2,500A	2,000V	3,000V	2,000V
	R·A·V-781BWZ-5		250/430VAC					
	R·A·V-781BXZ-4	290VAC	290/500VAC	800 $\pm$ 20%		2,320V	3,480V	2,320V
	R·A·V-781BXZ-5							
	R·A·V-801BXZ-4							
	R·A·V-801BXZ-5							

R·A·V-XXX-4: Wire type  
 R·A·V-XXX-5: Lead type

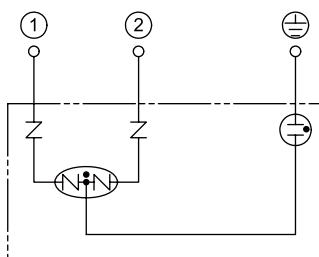


Dimensions



Circuit

BWZ series



BXZ series

