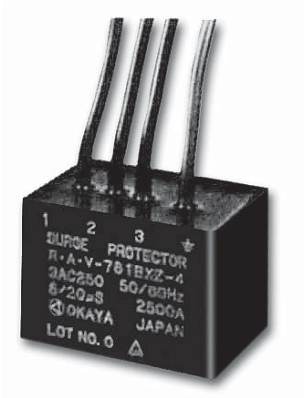
Features

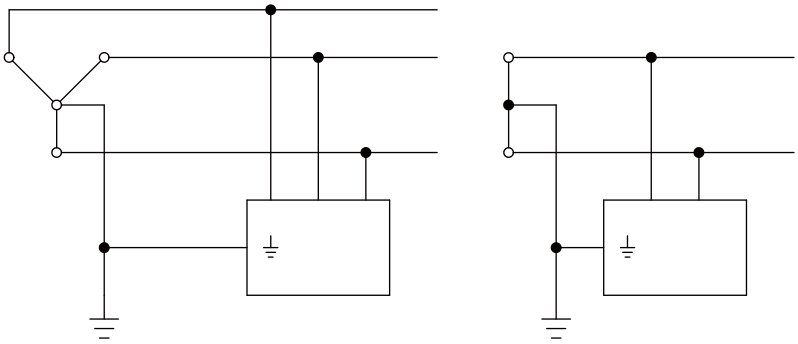
- These models are specifically designed for use in AC power line applications which may require European (CE) mark.
- They are designed for use in Single and Three-Phase applications for protection against "Common mode" noise transient surges.
- Three-Phase application include Delta and Y connections to AC500V.

Safety Standard		File No.
UL	:UL1449 4th.	E322107
CSA	:C22.2 No.8	LR105073
TÜV	:EN60099-1	J9551051



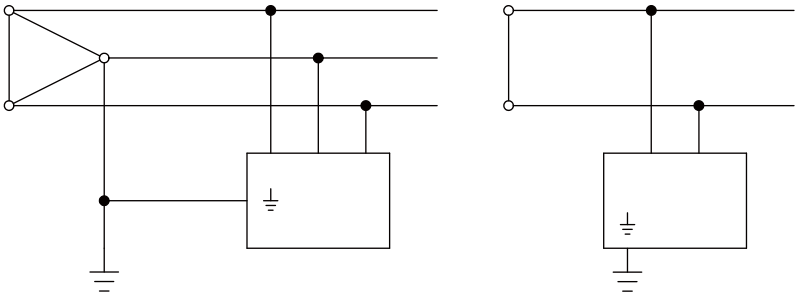
- *Circuit*

- Y connection



Y connection - 1 φ ~ AC500V : R·A·V-781BWZ-4
3 φ ~ AC430V : R·A·V-781BXZ-4
3 φ ~ AC500V : R·A·V-801BXZ-4

- Δ connection



Δ connection - 1 φ ~ AC250V : R·A·V-781BWZ-4
3 φ ~ AC250V : R·A·V-781BXZ-4
3 φ ~ AC250V : R·A·V-801BXZ-4

Electrical Specifications

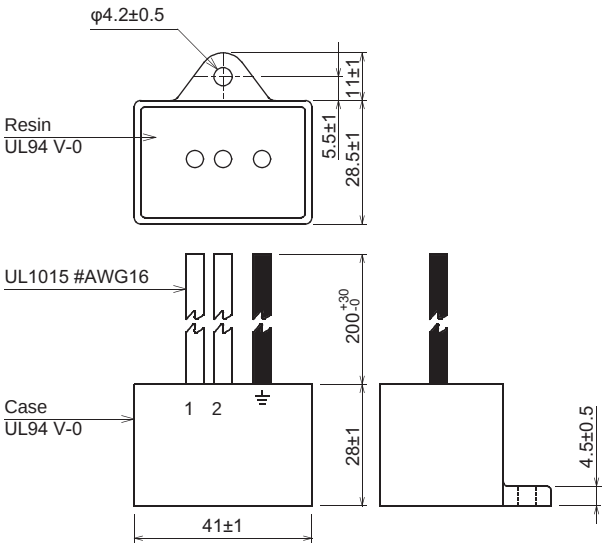
Safety Standard	Model Number	Rated Voltage		Power Frequency Sparkover Voltage Ua (V) ±20%	Nominal Discharge Current ins 8/20μs (A)	Max. Standard lightning Impulse Sparkover Voltage us 1.2/50μs (V)	Max. Sparkover Voltage at tront of wave lighting Impulse usa 10,000V/μs (V)	Max. Residual Voltage ur 8/20/μs-2,500A (V)
		Δ connection L-L, L-⏚	Y connection L-L, L-⏚					
	R·A·V-781BWZ-4	AC250V	AC250/500V	700	2,500	2,000	3,000	2,000
	R·A·V-781BWZ-5							
	R·A·V-781BXZ-4		AC250/430V					
	R·A·V-781BXZ-5							
	R·A·V-801BXZ-4		AC290/500V	800		2,320	3,480	2,320
	R·A·V-801BXZ-5							

* R·A·V-□□□-4: Wire type, R·A·V-□□□-5: Lead type
Operating Temperature: -40~+70°C

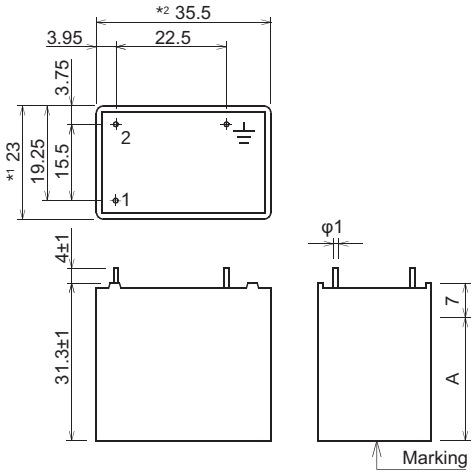
● *Dimensions*

BWZ Series (Single-Phase)

Wire terminal type (-4)

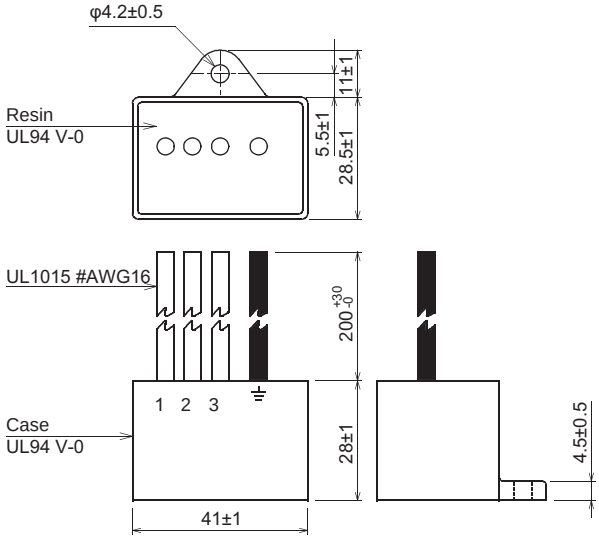


Solder lead type (-5)

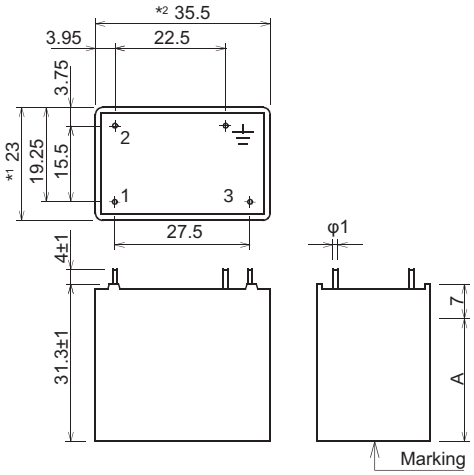


BXZ Series (Three-Phase)

Wire terminal type (-4)



Solder lead type (-5)

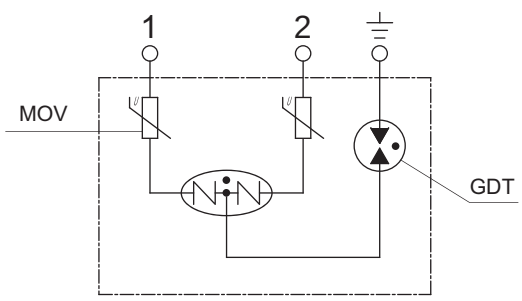
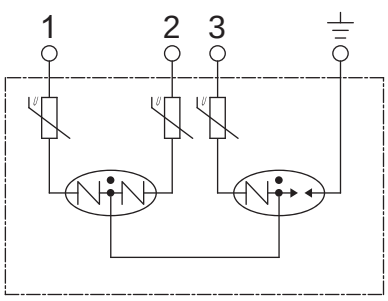


(A, *1, *2: Tolerances ±0.5)

Unit: mm
Tolerances: ±1.0

● *Circuit*

BWZ series



BXZ series