

AC Power Line Surge Protector

BWZ(LED) BXZ(LED) R·A·M-BUZ-N(LED) series

SURGE PROTECTIVE DEVICES

Safety Standard

File No. may be revised without notice. Please contact us at the time of your

:IEC60384-14

request for certifications.

File No.

J9650111

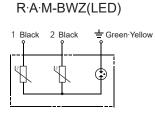
Features

- Compact size SPD
- Compliant to AC withstand voltage test
- Impulse discharge current 8/20µs-2kA
 Common mode (1.2/50µs(R=12Ω)-15kV) available.
- Compliance with safety standard (TÜV)
- External setting available for LED security light and LED street light.

Applications

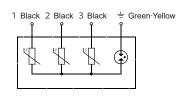
- LED security light, LED street light
- Industrial equipment required AC withstand voltage test
- Circuit

Dimensions



R·A·M-BXZ(LED)

ΤÜV



R·A·M-BXZ(LED)

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40+1

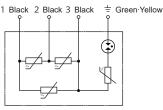
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5.5±1

200-030

28±1

R·A·M-BUZ-N(LED)



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5.5±1

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200 -030

28±1

4.5±0.5

Unit: mm

R·A·M-BUZ-N(LED)

Ø4.2±0.2

Resin UL94 V-2

Lead UL1015 AWG#16

Case

UL94 V-0

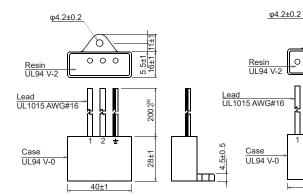
5±0.

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2 3

41±1



R·A·M-BWZ(LED)

Electrical Specifications

Safety Standard	Model Number		Rated Voltage 50/60Hz (Vac)	Max. Line Voltage (Vac)	Varistor Voltage (V) ±10%	DC Breakdown Voltage Ez +30, -20% (V)	Impulse Discharge Current 8/20µs (A)	Insulation Resistance IR DC500V	Withstanding Voltage (Vac)	Weight (g) Approx.
_	R·A·M-242BWZ(LED)	1-2	125	140	540	-	2,000	>1,000	-	40
		1,2- 🛓	-	-	-	2,400			AC1,000V 60s AC1,250V 3s	
TÜV Resintand	R·A·M-302BWZ(LED)	1-2	250	300	940	-			-	
		1,2- 🛓	-	-	-	3,000			AC1,500V 60s	
	R·A·M-362BWZ(LED)	1-2	250	300	940	-			-	
		1,2- 느	-	-	-	3,600			AC1,500V 60s AC1,800V 3s	
	R·A·M-362BXZ(LED)	1-2-3-1	250	300	940	-			-	50
		1,2,3 ±	-	-	-	3,600			AC1,500V 60s AC1,800V 3s	
—	R·A·M-302BUZ-N(LED)	1-2-3-1	250	300	470	-			-	62
		1,2,3- 🛓	-	-	-	3,000			AC1,500V 60s	

Operating Temperature: -20~+70°C