

# **AC Power Line Surge Protector**

RSPD SERIES

# SURGE PROTECTIVE DEVICES



### Features

- Continual rated voltage AC150V-AC600V.
- Lightning surge protection for both single and three phase application.
- Fast response.
- Maximum peak surge current 8/20µs-5,000A.
- Every pathway consists of same elements.
  Between line and line/between lines and ground can protect as the same level.
- Business equipment Compliant to IEC60950

### Applications

 Tapping machine, CNC turning machine, general machinery.

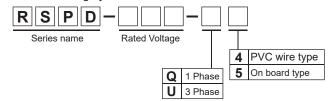


	File No.			
UL	:UL1449 4th.	E322107		
cUL	:C22.2 No.269.5	E322107		
TÜV	:EN60099-1:1994+A1	J2150288		
	:IEC60950-1:2005+A1+A2	J50354669		
	:EN60950-1:2006+A11+A1+A12+A2	J50354669		





• Model numbering system



### **Electrical Specifications**

Safety Standard	Model Number*	Rated Voltage 50/60Hz		DC Operating Voltage (V)±25%	Voltage Protection Level (V)	Norminal Discharge Current 8/20µs (A)	Max. Discharge Current 8/20µs (A)	Impulse life test 8/20µs-1,000A
	RSPD-150-Q□	Single Phase	AC150V	400	800			
	RSPD-250-Q□	Single Phase	AC250V	700	1,300	2,500	5,000	Approx. 300times
c <b>FU</b> °us	RSPD-250-U□	Three Phase						
	RSPD-420-Q□	Single Phase	AC420V	1,100	1,500			
	RSPD-420-U□	Three Phase						
TÜV Rheinland	RSPD-500-Q□	Single Phase	AC500V	1,300	2,000			
	RSPD-500-U□	Three Phase						
	RSPD-600-Q□	Single Phase	AC600V	1,500	2,500			
	RSPD-600-U□	Three Phase						

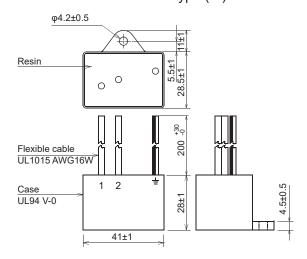
\* □: PVC wire type=4, on board type=5 Operating Temperature: -40~+70°C

**OKAYA** 

### Dimensions

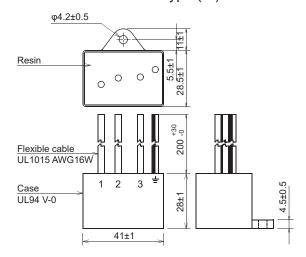
### RSPD-□□□-Q series (Single-Phase)

### Wire terminal type (-4)

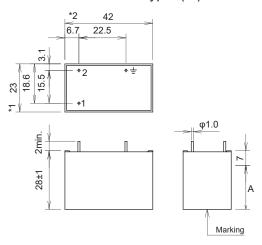


# $\mathsf{RSPD}\text{-}\square\square\square\text{-}\mathsf{U} \text{ series (Three-Phase)}$

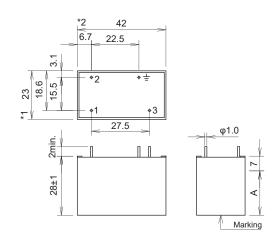
### Wire terminal type (-4)



### Solder lead type (-5)



### Solder lead type (-5)

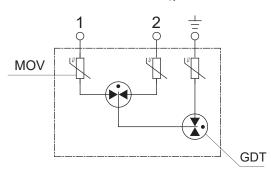


(A, \*1, \*2 Tolerance: ±0.5)

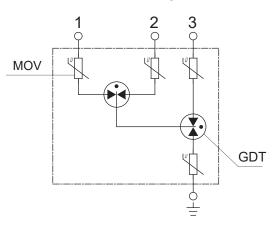
Unit: mm Tolerance: ±1.0

### • Circuit

### RSPD-□□□-Q series



## RSPD-□□□-U series



Flexible wires in black color can connect to each phase without any specific control.