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.

Safety Standard		File No.
UL	:UL1449 4th.	E322107
cUL	:C22.2 No.8-13	
TÜV	:EN60950-1:2006+A11+A1+A12+A2	J50354669

- Model numbering system

R S P D – □ □ □ – □ □

Series name: RSPD

Rated Voltage: □□□

Q	1 Phase
U	3 Phase

4	PVC wire type
5	On board type

Electrical Specifications

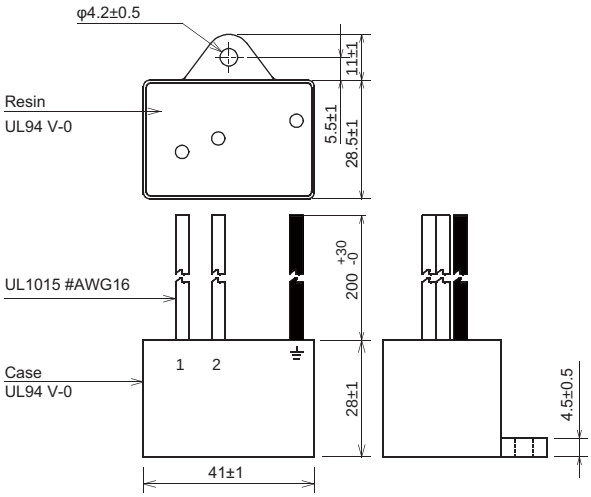
Safety Standard	Model Number*	Rated Voltage 50/60Hz		DC Operating Voltage (V)±25%	Voltage Protection Level (V)	Norminal Discharge Current 8/20μs (A)	Max. Discharge Current 8/20μs (A)	Impulse life test 8/20μs-1,000A
cULus, TÜV	RSPD-150-Q□	Single Phase	AC150V	400	800	2,500	5,000	Approx. 300times
cULus,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

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

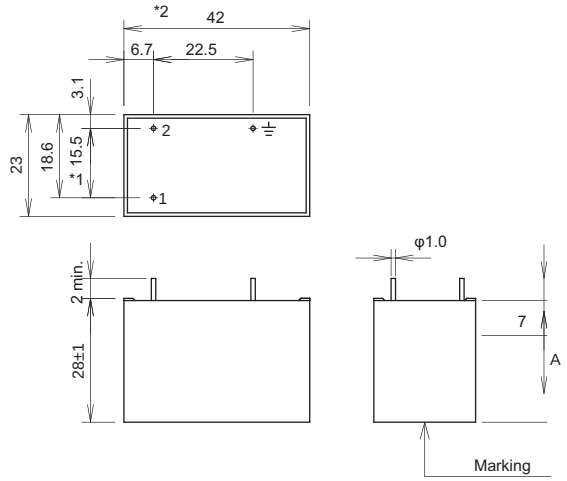
● *Dimensions*

RSPD-□□□-Q series (Single-Phase)

Wire terminal type (-4)

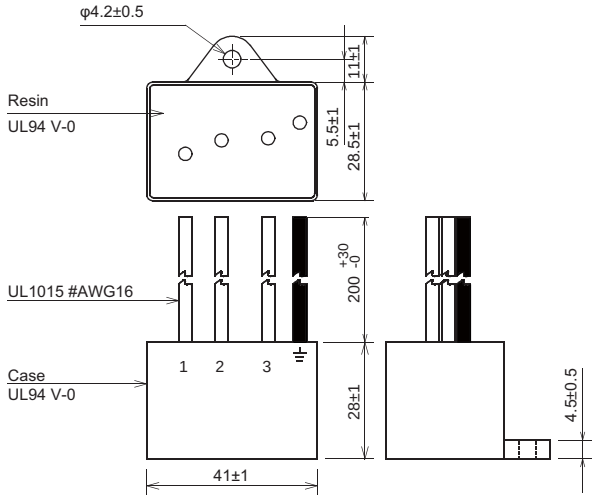


Solder lead type (-5)

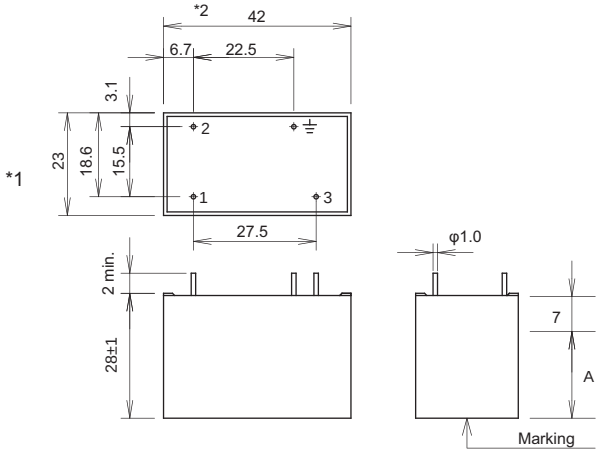


RSPD-□□□-U series (Three-Phase)

Wire terminal type (-4)



Solder lead type (-5)

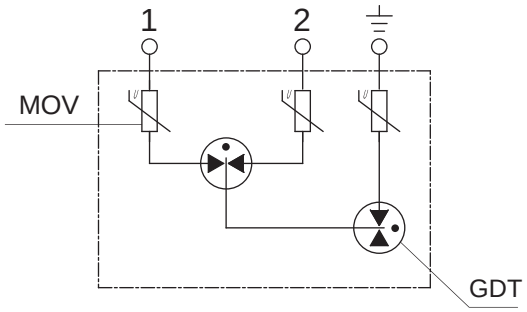


(A, *1, *2 Tolerance: ±0.5)

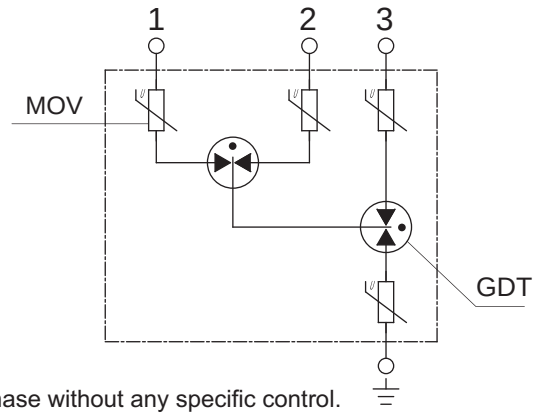
Unit: mm
Tolerance: ±1.0

● *Circuit*

RSPD-□□□-Q series



RSPD-□□□-U series



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