



Features

- Continual rated voltage 150VAC-600VAC.
- IEC 61643-1 approval.
- Lightning surge protection for both single and three phase application.
- Fast response.
- Maximum peak surge current 8/20 μ s-5,000A.
- Every pathway consists of same elements.
Between line and line/between lines and ground can protect as the same level.

Applications

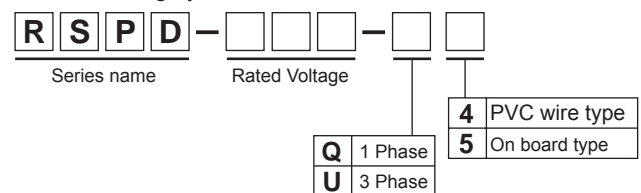
- Tapping machine, CNC turning machine, general machinery



| Safety Standard | | File No. |
|-----------------|---|---------------------|
| UL | :UL1449 | E322107 |
| cUL | :C22.2 No.8 | |
| SEMKO | :IEC61643-1:1998+A1 :EN61643-11:2002+A11 | SE-47338 1020655 |



- Model numbering system

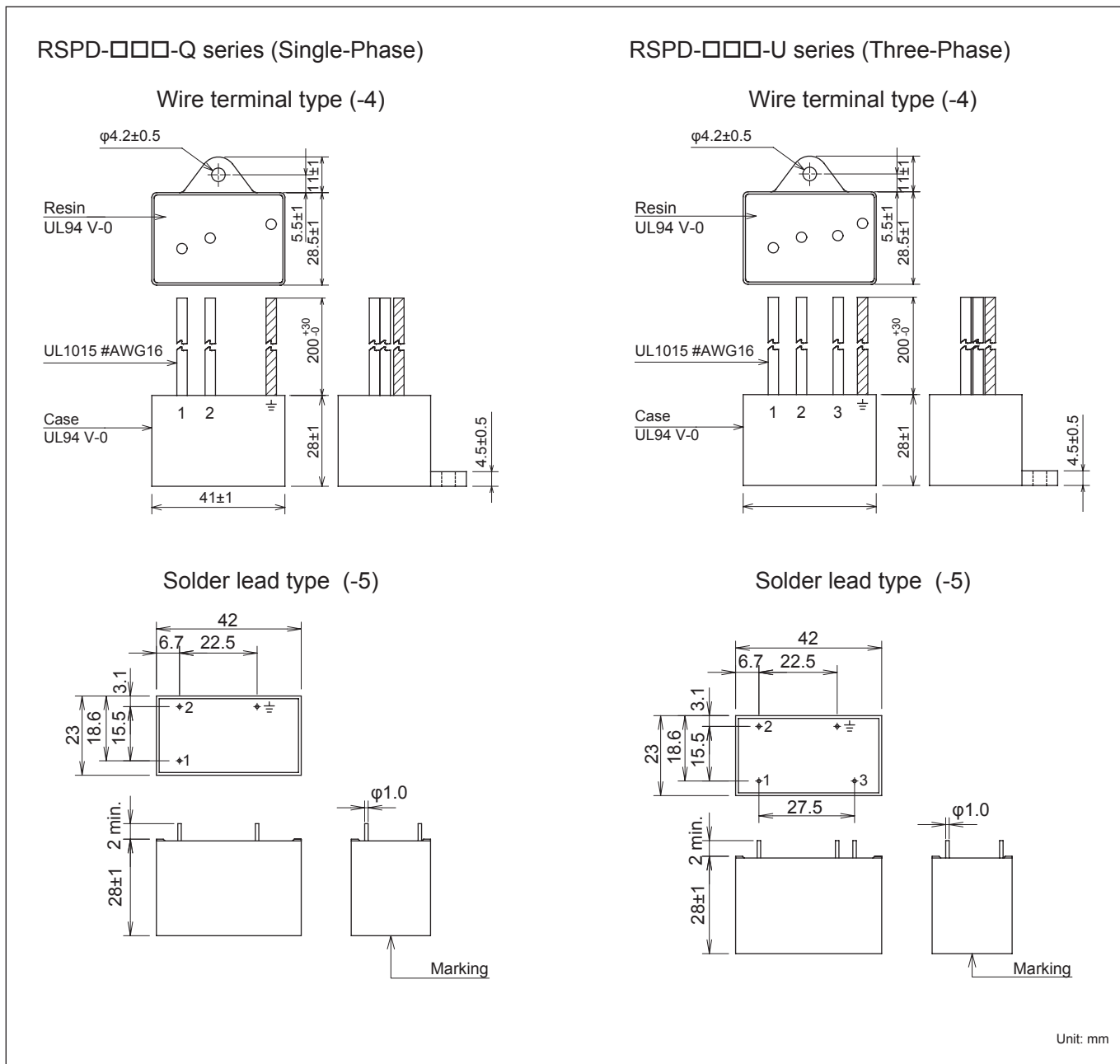


Electrical Specifications

| Safety Standard | Model Number | Rated Voltage 50/60Hz | | DC Breakdown Voltage (V) | Voltage Protection Level (V) | Normal Discharge Current 8/20 μ s (A) | Max. Discharge Current 8/20 μ s (A) | Surge Current Life 8/20 μ s-1,000A |
|-----------------|--------------|-----------------------|--------|--------------------------|------------------------------|---|---|--|
| | RSPD-150-Q□ | Single Phase | AC150V | 400 \pm 25% | 800 | 2,500 | 5,000 | Approx. 300times |
| | RSPD-250-Q□ | Single Phase | AC250V | 700 \pm 25% | 1,300 | | | |
| | RSPD-250-U□ | Three Phase | | | | | | |
| | RSPD-420-Q□ | Single Phase | AC420V | 1,100 \pm 25% | 1,500 | | | |
| | RSPD-420-U□ | Three Phase | | | | | | |
| | RSPD-500-Q□ | Single Phase | AC500V | 1,300 \pm 25% | 2,000 | | | |
| | RSPD-500-U□ | Three Phase | | | | | | |
| | RSPD-600-Q□ | Single Phase | AC600V | 1,500 \pm 25% | 2,500 | | | |
| RSPD-600-U□ | Three Phase | | | | | | | |



● Dimensions



Unit: mm

● Circuit

