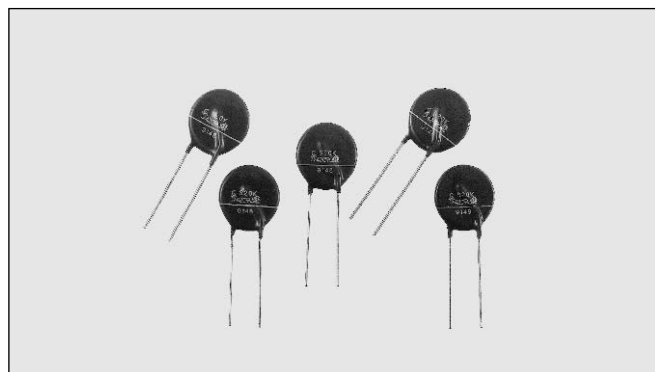


Solid State Relays Accessories Type RV



- Transient protection devices for Solid State Relays

Product Description

A metal oxide varistor (MOV) is a voltage dependent resistor with a symmetrical V/I characteristics curve whose resistance decreases with increasing voltage. Varistors are ideally suited for protecting sensitive electronic circuits and components (power semiconductors) against

voltage transients caused either by the mains or by other application parts. Connected in parallel with the electronic device that is to be guarded, they form a low resistance shunt when voltage increases and thus prevent any further V/I in the over voltage

Ordering Key

RV 08

Solid State Relay
Varistor
Varistor voltage

Type Selection

3-phase mains without neutral

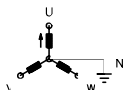


| Mains | Uc * | Carlo Gavazzi** | Epcos | AVX | Nippon Chemi-Con | ACPA/Song Long |
|-------|------|-----------------|--------------|-------------|------------------|----------------|
| 230 V | 710 | RV 02 | SIOV-S20K275 | VF20M10431K | TND 20V-431 | 431KD20 |
| 400 V | 1120 | RV 04 | SIOV-S20K420 | VF20M10681K | TND 20V-681 | 681KD20 |
| 480 V | 1355 | RV 05 | SIOV-S20K510 | VF20M10821K | TND 20V-821 | 821KD20 |
| 600 V | 1650 | RV 06 | SIOV-S20K625 | VF20M10102K | TND20V-102 | 102KD20 |
| 660 V | 1815 | RV 07 | SIOV-S20K680 | - | TND20V-112 | 112KD20 * |
| 690 V | - | RV 08 | - | - | TND20V-122 | 152KD20 |

* Uc @ 100 Ap (SIOV-S20K...)

** Pack of 10 pieces

1-phase and 3-phase mains with neutral

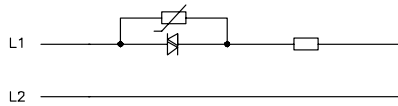
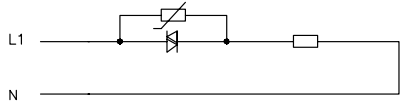
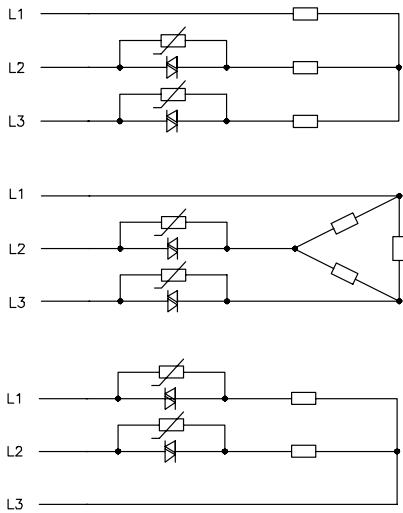
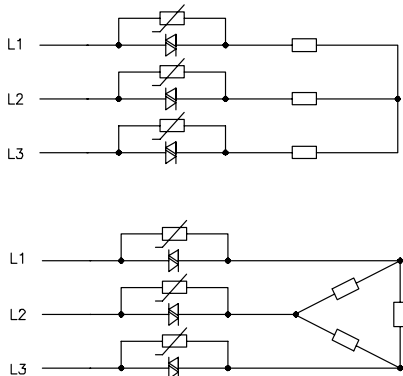
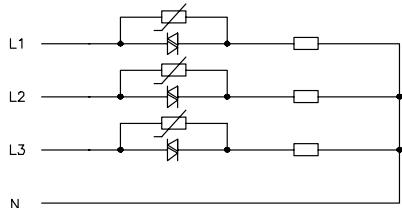


| Mains | Uc * | Carlo Gavazzi** | Epcos | AVX | Nippon Chemi-Con | ACPA/Song Long |
|---------|------|-----------------|--------------|-------------|------------------|----------------|
| 120/240 | 710 | RV 02 | SIOV-S20K275 | VF20M10431K | TND20V-431 | 431KD20 |
| 230/400 | 710 | RV 02 | SIOV-S20K275 | VF20M10431K | TND20V-431 | 431KD20 |
| 277/480 | 775 | RV 03 | SIOV-S20K300 | VF20M10471K | TND20V-471 | 471KD20 |
| 400/690 | 1120 | RV 04 | SIOV-S20K420 | VF20M10102K | TND20V-681 | 681KD20 |

* Uc @ 100 Ap (SIOV-S20K...)

** Pack of 10 pieces

Wiring Diagrams

| | Mains without neutral | Mains with neutral |
|----------------|---|---|
| 1-phase |  |  |
| 2-phase | <p>Economy switch</p>  | |
| 3-phase |  |  |