



## 2 to 4 Single Phase without Common Transient Voltage Filters

# RCS

### Specifications

#### Electrical

**Input Voltage:** Up to 240VAC, 1Ø, 50/60Hz.

**Capacitance:** 0.47 microfarads, ±10%

**Resistance:** 22 to 680 ohms, ±10%, 0.5 watt

**Varistors:** (Rated Individually)

Voltage Code	Max. Allowable AC Voltage	Max. Clamping Voltage	Energy (Joules)
1	130VAC	340VAC @ 25A	20
2	130VAC	340VAC @ 25A	20
3	250VAC	650VAC @ 25A	40
7	150VAC	395VAC @ 25A	25

**Power Consumption:** 10VA @ 240VAC per network

#### Physical

**Termination:** Terminal Block or #18 Stranded Wire Leads

**Packaging:** Epoxy Filled

**Weight:** 6 Oz.

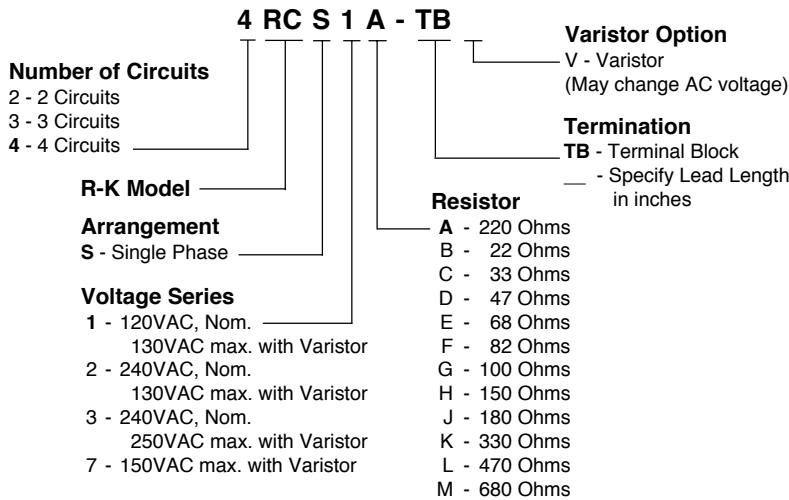
#### Ambient Temperatures

**Operating:** -40°C to 85°C

**Storage:** -40°C to 85°C

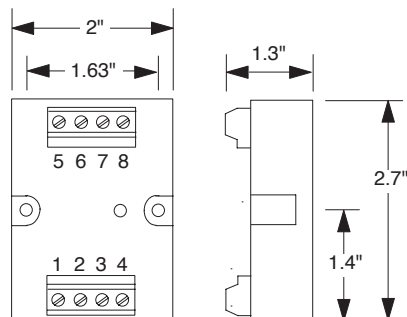


### Ordering Information

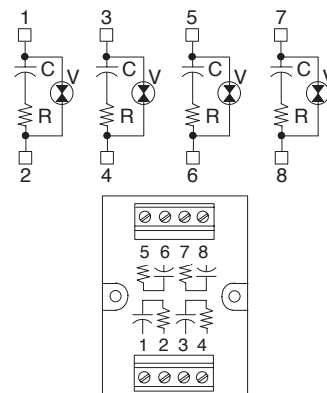


### DIN Rail Bracket #DRB-2

#### Dimensions



#### Connections



- Up to 4 Single Phase Filters
- 120 & 240 Volt Ratings
- Single Phase (1Ø) Applications
- Varistor Options
- Screw Terminals or Stranded Wire Leads



### Operation

#### Transient Voltage Filters

R-C networks (Resistance-Capacitance) are applied to circuits where transient electrical voltages can cause a malfunction or damage in solid state controls or control systems (PLCs, CNCs, NCs, Solid State Counters, etc.) The 2RCS, 3RCS and 4RCSs are typically applied in parallel with single phase inductive loads (motor starter coils, contactor coils, solenoid valves, etc.) to absorb the transients generated when the load is de-energized.