



480VAC Single Phase Transient Voltage Filters

RCS5

Specifications

Electrical

Input Voltage: Up to 480VAC, 1Ø, 50/60Hz.

Capacitance: 0.47 microfarads, ±10%

Resistance: 18 to 220 ohms, ±10%, 7 watts

Varistors:

Code	Max. Allowable AC Voltage	Max. Clamping Voltage	Energy (Joules)
5625VAC	1650V @	50A	130

Power Consumption: 10VA @ 480VAC

Physical

Termination: #16 Stranded Wire

Packaging: Epoxy Filled

Weight: 6 Oz.

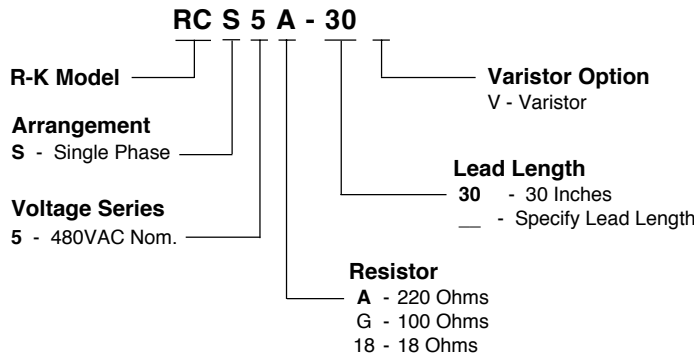
Ambient Temperatures

Operating: -40°C to 85°C

Storage: -40°C to 85°C



Ordering Information

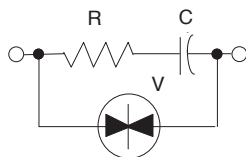


DIN Rail Bracket #DRB-2

Connections



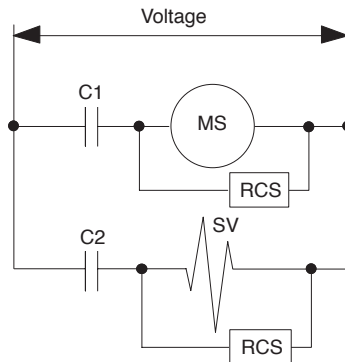
Without Varistor



With Varistor

Hook-Up Example

- MS = Motor Starter
- SV = Solenoid Valve
- C1 = Contact
- C2 = Contact
- RCS = R-C Network



- 480 Volt Rating
- Single Phase (1Ø) Applications
- Varistor Options
- 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 RCS5s 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.

Dimensions

