RCX



- 480 Volt Ratings
- Wye Configuration with Center Tap
- Three Phase (3Ø) Applications
- Varistor Option
- Single Package
- Stranded Wire Leads

Operation

Transient Voltage Filters

R-C networks (Resistance-Capacitance) are applied to circuits where transient electrical voltage spikes can cause a malfunction or damage in solid state controls or control systems (PLCs, CNCs, NCs, Solid State Counters, etc.). The RCX is typically applied in parallel with three phase inductive loads (motors) to absorb the transients generated when the load is disconnected from the line. It also absorbs electrical noise while the load is operating. The Varistor option provides additional protection by clamping the transients at a specific voltage level (Max. Clamping Voltage).

480VAC Three Phase Transient Voltage Filters



Specifications Electrical

Input Voltage:

Up to 480VAC, 3Ø, 50/60Hz.

Capacitance:

0.47 microfarads, ±10%

Resistance:

220 ohms, ±5%, 7 watts

Varistors:

Max. Allowable AC Voltage: 625VAC Max. Clamping Voltage: 1650V @ 50A

Energy: 40 joules
Bleeding Resistor:
1 megohms, 1/2 watt
Power Consumption:
37 watts @ 600VAC

Physical

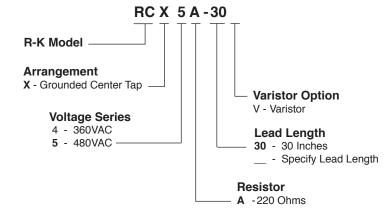
Mounting: Surface Termination:

#16 Stranded Wire Leads Packaging: Dust Cover Weight: 12 Oz.

Ambient Temperatures

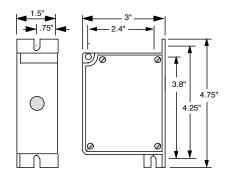
Operating: -40°C to 85°C Storage: -40°C to 85°C

Ordering Information



DIN Rail Bracket #DRB-4

Dimensions



Connections

