

## 4003 DIN-Rail Mount, Three Phase Power Controller



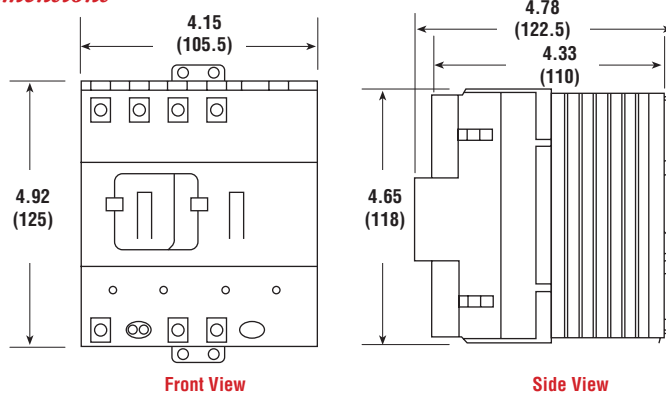
- Three Phase Loads up to 60 Amps, 575 Vac
- 9-35 Vdc, 100-240Vac, or 24Vac Input Signals
- Easy DIN-Rail or Sub-Panel Installation
- Size Compatible for Easy Replacement of Mercury Displacement Relays
- Zero-Crossover Switching to Minimize RFI and EMI
- Integral Heatsink Thermostat
- Front Access Terminals for Easy Wiring
- LED Indication of SSR ON
- dV/dT Voltage Transient Protection

### Description

The 4000 series solid state power controllers combine Chromalox's years of SCR technology experience and know-how with new components and packaging technologies to deliver reliable and easy-to-install SCR components. The 4000 series power controllers are compactly packaged to allow for fast and easy DIN-rail or sub-panel mounting, with

wiring terminals easily accessible from the front. The depth and height of all controllers in the 4000 series are consistent, optimizing the mounting and wiring of mixed controller types. Optional heatsink thermostat protects the SCRs from failure.

### Dimensions



All Dimensions in Inches (mm)

### Ordering Information

Complete the Model Number using the Matrix provided.

#### In Stock:

Model	PCN
4003-20371	307897
4003-20671	307926
4003-40671	307934
4003-60671	307942
4003-20310	329738
4003-20610	329746
4003-40610	329762
4003-60610	329789

### Model Solid State Power Controller

**4003** Three Phase, Two-Leg, Zero-Crossover Fired Solid State Relay, DIN-Rail or Surface Mount

#### Code Max. Rated Current at 50 °C

<b>20</b>	20 Amps
<b>40</b>	40 Amps
<b>60</b>	60 Amps

#### Code Voltage PIV (Peak Inverse Voltage)

<b>3</b>	Up to 400 Vac	1200
<b>6</b>	Up to 600 Vac	1600

Code	Input
<b>1</b>	100 to 240Vac
<b>2</b>	24Vac
<b>7</b>	9-35Vdc (15mA continuous)

#### Code Heatsink Thermostat

<b>0</b>	None
<b>1</b>	Heatsink Thermostat for Thermal Protection**

**4003 - 40 6 7 1** Typical Model Number

\*\* Heatsink Thermostat not available w/Vac Input Codes (1&2).