

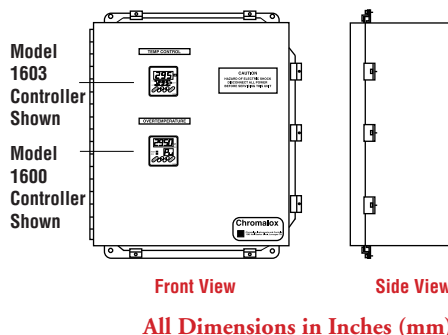


## 4214 & 4224

### Mini SCR Control Panels

- Model 4214 - One SCR, Single Phase Loads
- Model 4224 - Two SCRs, Three Phase Loads
- Digital Indicating Temperature and Overtemperature Controls
- Compact, Space Efficient NEMA 4/12 Enclosure
- 40 Amp Shutdown Contactor
- LED Indication of Power On, Heater On, and Overtemperature Alarm
- 208-575Vac, Three Phase or 120 Vac Single Phase
- Universal Sensor Input Types
- Main Disconnect Switch Option

#### Dimensions



#### In Stock:

Model	PCN
4214-35551	305584
4224-35551	305592



#### Description

The Chromalox 4214 and 4224 SCR Control Panels combine full-featured 1/16 DIN, digital-indicating temperature and overtemperature controllers completely assembled, pre-tested and pre-wired in a NEMA 4/12 enclosure. Installation is easy, requiring only power supply, load and sensor wiring. Drawings for record and installation/operation manuals are also supplied.

#### Features

- Fused Control Power Transformer
- LED Indication of Power On, Heater On, and Overtemperature Alarm
- 40 Amp Shutdown Contactor
- Universal Sensor Input
- Options:
  - Main Disconnect
  - Ground Fault Monitor
  - Enclosure Heater

#### Ordering Information

Complete the Model Number using the Matrix provided.

#### Model

4214 Single Phase Zero Fired SCR Power Control Panel

#### Panel Configuration

Single Phase SCR Power Control Panel. Features: Factory pre-wired for quick installation, Step-down Transformer with Primary & Secondary Fusing for 120 volt Control Circuit, NEMA 4/12 rated Enclosure for Indoor/Outdoor Applications, Three-Pole Shutdown Contactor, SSR for Power Switching with I<sup>2</sup>t Fusing. Options Include: Process Controller, Hi-limit Controllers, Ground Fault Monitor, Disconnect Switch, and Enclosure Heater.

#### Code

Code	Current @ 40°C (104°F) Ambient with no Solar Load	Enclosure Dimensions
3	30	(16"H x 16"W x 6"D)
Code	Voltage	
0	120 Vac	
1	208 Vac	
2	240 Vac	
3	380 Vac	
4	415 Vac	
5	480 Vac	
6	575 Vac	
Code	Process Controller Options	
0	Customer Supplied Digital Signal (3-20Vdc)	
5	Chromalox Model 1603E-61030 1/16 DIN Temperature Controller	
6	PSR-1 Module (4-20mA Input)	
Code	Overtemperature Controller Options	
0	None	
5	Chromalox Model 1600-10030 1/16 DIN High Limit Controller	
Code	Options	
0	None	
1	Main Disconnect Switch	
2	Ground Fault Monitor includes Illuminated Reset Switch	
3	Enclosure Heater	
4	Main Disconnect Switch & Ground Fault Monitor	
5	Main Disconnect Switch & Enclosure Heater	
6	Main Disconnect, Ground Fault Monitor & Enclosure Heater	
7	Ground Fault Monitor & Enclosure Heater	

4214 3 5 3 1 0 Typical Model Number

## 4214 & 4224

### Mini SCR Control Panels *(cont'd.)*

**Model**

**4224 Three Phase Two-Leg Zero Fired SCR Power Control Panel**

**Panel Configuration**

Three Phase SCR Power Control Panel. Features: Factory pre-wired for quick installation, Step-down Transformer with Primary & Secondary Fusing for 120 volt Control Circuit, NEMA 4/12 rated Enclosure for Indoor/Outdoor Applications, Three-Pole Shutdown Contactor, SSRs for Power Switching with 1<sup>2</sup>t Fusing. Options Include: Process Controller, Hi-limit Controllers, Ground Fault Monitor, Disconnect Switch, and Enclosure Heater.

Code	Current @ 40°C (104°F) Ambient with no Solar Load	Enclosure Dimensions
p3	30	(24"H x 24"W x 10"D)

Code	Voltage
1	208 Vac
2	240 Vac
3	380 Vac
4	415 Vac
5	480 Vac
6	575 Vac

Code	Process Controller Options
0	Customer Supplied Digital Signal (3-20 Vdc)
5	Chromalox Model 1603E-61030 1/16 DIN Temperature Controller
6	PSR-2 Module (4-20mA)

Code	Overtemperature Controller Options
0	None
5	Chromalox Model 1600-10030 1/16 DIN High Limit Controller

Code	Options
0	None
1	Main Disconnect Switch
2	Ground Fault Monitor includes Illuminated Reset Switch
3	Enclosure Heater
4	Main Disconnect Switch & Ground Fault Monitor
5	Main Disconnect Switch & Enclosure Heater
6	Main Disconnect, Ground Fault Monitor & Enclosure Heater
7	Ground Fault Monitor & Enclosure Heater

4224	3	5	3	1	0	<b>Typical Model Number</b>
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