

## Power Control Center™

ISO9001  
APPROVED - CERT. NO. ASTEA

- Customized High Performance SCR Power Control Systems
- Flexible, Modular SCR Buckets
- Expand and Adapt to Changing Applications
- Minimizes Process Downtime
- Rugged Construction
- Extensive Built-In Safety Features

### Description

The Power Control Center™ is a modular heating and control system solution that packages our advanced line of high performance SCR power controllers in the same flexible, modular packaging that made motor control centers (MCC) the industry standard for electrical distribution and motor control. Modular design allows for growth and adaptation, allowing the system size and configuration to be changed at any time, or to add on to existing motor control center line-ups.

The heavy duty, interchangeable SCR “buckets” can be easily removed for maintenance and reconfiguration. These buckets economically package all bus work, wiring, contactors and SCR power modules into one enclosure. Each bucket is pre-wired and pre-tested. The centralized electrical bus and molded stabs have no exposed wires and provide easy installation, optimum conductivity and minimum maintenance.

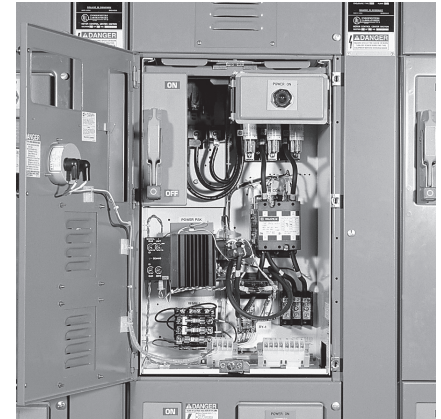
Designed for personnel, equipment and process protection, the compartmentalized design isolates any potential device failure from affecting other units. The units are constructed for long-term service in our ISO9001 and UL certified panel manufacturing facility.



### Modular Design



## Power Control Center™ (cont'd.)



### Specifications

<b>MCC Make or Model</b>	Square D Allen-Bradley Other	<b>Isolation Contactor</b>	Available
<b>Depth</b>	15" or 20"	<b>Auxiliary Contactor</b>	<ul style="list-style-type: none"> <li>• 1 Normally Open</li> <li>• 1 Normally Closed</li> <li>• 1 Normally Open/ 1 Normally Closed</li> <li>• Other</li> </ul>
<b>Bus Bracing (KAIC)</b>	Standard (42K) 65K	<b>Contactor Coil Voltage</b>	<ul style="list-style-type: none"> <li>• Supplied Internal to unit</li> <li>• Field Supplied</li> </ul>
<b>Horizontal Bus (Tin Plated Copper)</b>	600 Amps 800 Amps 1200 Amps	<b>Power ON Light</b>	Available
<b>Vertical Bus (Tin Plated Copper)</b>	300 Amps 600 Amps	<b>Power Controller</b>	<ul style="list-style-type: none"> <li>• Single Phase</li> <li>• 3-Phase</li> <li>• 3-Phase, 4 Wire</li> <li>• Single Phase Tap Changer</li> </ul>
<b>Horizontal Ground Buss (1/4" x 1")</b>		<b>Load</b>	Resistive Inductive
<b>Vertical Bus Shutters</b>	Available	<b>kW</b>	Specify
<b>Vertical Isolation Barriers</b>	Available	<b>Line Voltage</b>	120, 208, 240, 277, 480, Other
<b>Main Feeder Incoming Power</b>	<ul style="list-style-type: none"> <li>• 3-wire</li> <li>• 4-wire</li> </ul>	<b>Frequency</b>	60 Hz 50 Hz
<b>Main Feeder</b>	<ul style="list-style-type: none"> <li>• Lugs Only</li> <li>• Circuit Breaker (KAIC)</li> <li>• Non-Fused Disconnect Switch</li> <li>• Fused Disconnect Switch</li> </ul>	<b>Control Signal</b>	Specify
<b>Plug-In Unit Switchgear</b>	<ul style="list-style-type: none"> <li>• Circuit Breaker (KAIC)</li> <li>• Non-Fused Disconnect Switch</li> <li>• Fused Disconnect Switch</li> </ul>	<b>I<sup>2</sup>T Fusing</b>	Available
		<b>Heat Sink Thermal Switch</b>	Available
		<b>Ammeter</b>	Available
		<b>Voltmeter</b>	Available
		<b>Wattmeter</b>	Available
		<b>Auto/Manual</b>	Available

### Ordering Information

Contact your Local Chromalox Sales office for detailed application specifications.