

4168 & 4268

Mini-SCR Power Control Panel

- NEMA 4/12 Steel Enclosure for Indoor/Outdoor Environments
- Shutdown Contactor
- Single or Three Phase 30 and 65 Rating Amp for Resistive Loads
- 120/240/480 Vac Fused Control Power Transformer

Description

The 4168/4268 Mini-SCR Power Control Panels are a convenient, economical solution designed to control most process heating applications that require precise temperature control, maximum operating efficiency and proven reliability.

Options

- Ground Fault Monitor
- Enclosure Heater
- Disconnect Switch
- Process Controllers
- Hi-Limit Controllers



Ordering Information

Model Single Phase Zero Fired SCR Mini Power Control Panel

4168 cUL and UL Listed 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 (24"H x 20"W x 8"D) with External Heat Sinks for Indoor/Outdoor Applications, 1st Fusing, and Shutdown Contactor. Options Include: Process and Hi-Limit Controllers, Ground Fault Monitoring, Main Disconnect Switch and Enclosure Heater.

Code	Current @ 40°C (104°F)
3	30 Amp
6	65 Amp

Code	Voltage
1	120 Vac
2	208 Vac
3	240 Vac
4	480 Vac

Code	Process Controller Options
0	None (6-12Vdc Control Signal Customer Supplied)
1	1601E-61030 1/16 DIN Controller
2	1603E-61030 1/16 DIN Controller
3	1604-61030 1/16 DIN Controller
4	1604-61230 (Includes Heater Breakdown Feature)
5	2104-R0100 1/4 DIN Controller
6	2110-V0100 1/4 DIN Controller

Code	Overtemperature Controller Options
0	None
1	Limit 10100 Type J Thermocouple (0 - 1400°F) includes Illuminated Reset Switch
2	Limit 10200 Type K Thermocouple (0 - 2300°F) includes Illuminated Reset Switch
3	1600-10030 1/16 DIN Controller

Code	Options
0	None
1	Ground Fault Monitor & Shutdown includes Illuminated Reset Switch
2	Main Disconnect with Through Door Operator
3	Thermostat Controlled Enclosure Heater
4	Ground Fault Monitor & Main Disconnect Switch
5	Main Disconnect Switch & Enclosure Heater
6	Ground Fault Monitor & Enclosure Heater
7	Ground Fault Monitor, Main Disconnect Switch & Enclosure Heater

4168 3 4 1 1 0 Typical Model Number

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Mini-SCR Power Control Panel *(cont'd.)*

Ordering Information

Model Three Phase Two-Leg Zero Fired SCR Mini Power Control Panel

4268 cUL and UL Listed 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 (24"H x 20"W x 8"D) with External Heat Sinks for Indoor/Outdoor Applications, I²t Fusing, and Shutdown Contactor. Options Include: Process and Hi-Limit Controllers, Ground Fault Monitoring, Main Disconnect Switch and Enclosure Heater.

Code	Current @ 40°C (104°F)
3	30 Amp
6	65 Amp

Code	Voltage
2	208 Vac
3	240 Vac
4	480 Vac

Code	Process Controller Options
0	None (6-12Vdc Control Signal Customer Supplied)
1	1601E-61030 1/16 DIN Controller
2	1603E-61030 1/16 DIN Controller
3	1604-61030 1/16 DIN Controller
4	1604-61230 (Includes Heater Breakdown Feature)
5	2104-R0100 1/4 DIN Controller
6	2110-V0100 1/4 DIN Controller

Code	Overtemperature Controller Options
0	None
1	Limit 10100 Type J Thermocouple (0 - 1400°F) includes Illuminated Reset Switch
2	Limit 10200 Type K Thermocouple (0 - 2300°F) includes Illuminated Reset Switch
3	1600-10030 1/16 DIN Controller

Code	Options
0	None
1	Ground Fault Monitor & Shutdown includes Illuminated Reset Switch
2	Main Disconnect with Through Door Operator
3	Thermostat Controlled Enclosure Heater
4	Ground Fault Monitor & Main Disconnect Switch
5	Main Disconnect Switch & Enclosure Heater
6	Ground Fault Monitor & Enclosure Heater
7	Ground Fault Monitor, Main Disconnect Switch & Enclosure Heater

4268	6	3	1	1	4	Typical Model Number
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