



4130 Series MaxPac SCR Power Controllers in an Enclosure

- **MaxPac Series SCR Power Controllers in an Enclosure**
- **Allows Addition of SCR to a System Without Rearranging Existing Equipment**
- **Rugged NEMA 1 or NEMA 12 Construction Enclosures***
- **Enclosure Ventilated and Fan Cooled to be Installed in Ambient of 40°C (104°F) with SCR at 100% Output**

*NEMA 12 Available with additional venting measures. Consult Factory.

Ordering Information

Complete the Model Number using the Matrix provided.

Note: Additional control panel options available. See pages H-143 to H-145.

¹ For information on the SCR component, see MaxPac I in the Controls Section, tabbed SCR Component

Description

The 4130 Series panels provide a simple-to-install solution for adding an SCR to an existing heater control system. The panels are a Chromalox model MaxPac I, MaxPac II or MaxPac III in an enclosure. Since SCRs generate heat,

the panel is ventilated and fan cooled to allow the selected MaxPac controller to operate at 100% output with an ambient of 40°C (104°F).

Model

4131 Single Phase Zero Fired SCR Power Control Panel

Panel Configuration

cUL and UL Listed Single Phase SCR Power Control Panel. Features: Factory pre-wired for quick installation, NEMA 1 or NEMA 12 rated Enclosure for Indoor Applications, Forced Air Cooling, Heat-Sink Overtemperature Lamp, Terminal Block for customer supplied 120 VAC Control Power. Options Include: Ground Fault Monitor, Shorted SCR Detection, Multimeter: Combination Ammeter with Current Transformer and Voltmeter with Potential Transformer.

Code Current @ 40°C (104°F) Ambient

		SCR Component ¹	Enclosure Dimensions
01	100 Amp	MXPCI-3-02-1-1-L0-F01-0	(24"H x 24"W x 16"D)
03	150 Amp	MXPCI-3-04-1-1-L0-F01-0	(24"H x 24"W x 16"D)
05	200 Amp	MXPCI-3-06-1-1-L0-F02-0	(24"H x 24"W x 16"D)
07	300 Amp	MXPCI-3-08-1-1-L0-F03-0	(36"H x 30"W x 16"D)
09	400 Amp	MXPCI-3-10-1-1-L0-F04-0	(36"H x 30"W x 16"D)
11	550 Amp	MXPCI-3-12-1-1-L0-F05-0	(36"H x 30"W x 16"D)
13	650 Amp	MXPCI-3-14-1-1-L0-F06-0	(36"H x 30"W x 16"D)

Code Voltage

1	120 - 480 VAC
2	575/600 VAC

Code Ground Fault Sensing Option

0	None
1	Ground Fault Monitor & Shutdown includes Illuminated Reset Switch

Code Options

0	None
3	Shorted SCR Detection
4	Multimeter (Volts & Current)
6	Multimeter (Volts & Current) & Shorted SCR Detection

4131- 03 1 1 3 Typical Model Number

Technical Notes:

Ventilated NEMA 12 Enclosure Derates Enclosure to NEMA 1. Consult Factory for 575 VAC Applications and Pricing

4130 Series MaxPac SCR Power Controllers in an Enclosure *(cont'd.)*

Ordering Information

Complete the Model Number using the Matrix provided.

Note: Additional control panel options available. See pages H-143 to H-145.

² For information on the SCR component, see MaxPac II (4132) or MaxPac III in the Controls Section, tabbed SCR Component

*NEMA 12 Available with additional venting measures. Consult Factory.

Model

4132 Three Phase Two-Leg Zero Fired SCR Power Control Panel

Panel Configuration

cUL and UL Listed Three Phase SCR Power Control Panel. Features: Factory pre-wired for quick installation, NEMA 1 or NEMA 12 rated Enclosure for Indoor Applications, Forced Air Cooling, Heat-Sink Overtemperature Lamp, Terminal Block for customer supplied 120 VAC Control Power. Options Include: Ground Fault Monitor, Shorted SCR Detection, Multimeter: Combination Ammeter with Current Transformer & Voltmeter with Potential Transformer.

Code Current @ 40°C (104°F) Ambient

Code	Current @ 40°C (104°F) Ambient	SCR Component ²	Enclosure Dimensions
01	100 Amp	MXPCII-3-02-1-1-LO-F01-0	(36"H x 30"W x 16"D)
03	150 Amp	MXPCII-3-04-1-1-LO-F01-0	(36"H x 30"W x 16"D)
05	200 Amp	MXPCII-3-06-1-1-LO-F02-0	(36"H x 30"W x 16"D)
07	300 Amp	MXPCII-3-08-1-1-LO-F03-0	(36"H x 30"W x 16"D)
09	400 Amp	MXPCII-3-10-1-1-LO-F04-0	(36"H x 30"W x 16"D)
11	550 Amp	MXPCII-3-12-1-1-LO-F05-0	(36"H x 30"W x 16"D)
13	650 Amp	MXPCII-3-14-1-1-LO-F06-0	(36"H x 30"W x 16"D)

Code Voltage

1	120 - 480 VAC
2	575/600 VAC

Code Ground Fault Sensing/Interrupt Option

0	None
1	Ground Fault Monitor & Shutdown includes Illuminated Reset Switch

Code Options

0	None
3	Shorted SCR Detection
4	Multimeter (Volts & Current)
6	Multimeter (Volts & Current) and Shortened SCR Detection

4132- 03 1 1 0 Typical Model Number

Model

4133 Three Phase Three-Leg Zero Fired SCR Power Control Panel

Panel Configuration

cUL and UL Listed Three Phase SCR Power Control Panel. Features: Factory pre-wired for quick installation, NEMA 1 or NEMA 12 rated Enclosure for Indoor Applications, Forced Air Cooling, Heat-Sink Overtemperature Lamp, Terminal Block for customer supplied 120 VAC Control Power. Options Include: Ground Fault Monitor, Shorted SCR Detection, Ammeter with Phase Selector Switch, and Voltmeter with Phase Selector Switch.

Code Current @ 40°C (104°F) Ambient

Code	Current @ 40°C (104°F) Ambient	SCR Component ²	Enclosure Dimensions
01	100 Amp	MXPCIII-3-02-1-1-LO-F01-0	(36"H x 30"W x 16"D)
03	150 Amp	MXPCIII-3-04-1-1-LO-F01-0	(36"H x 30"W x 16"D)
05	200 Amp	MXPCIII-3-06-1-1-LO-F02-0	(36"H x 30"W x 16"D)
07	300 Amp	MXPCIII-3-08-1-1-LO-F03-0	(36"H x 30"W x 16"D)
09	400 Amp	MXPCIII-3-10-1-1-LO-F04-0	(36"H x 30"W x 16"D)
11	550 Amp	MXPCIII-3-12-1-1-LO-F05-0	(48"H x 36"W x 16"D)
13	650 Amp	MXPCIII-3-14-1-1-LO-F06-0	(48"H x 36"W x 16"D)

Code Voltage

1	120 - 480 VAC
2	575/600 VAC

Code Ground Fault Sensing/Interrupt Option

0	None
1	Ground Fault Monitor & Shutdown includes Illuminated Reset Switch

Code Options

0	None
3	Shorted SCR Detection
4	Multimeter (Volts & Current)
6	Multimeter (Volts & Current) and Shortened SCR Detection

4133- 03 1 1 0 Typical Model Number