



4430

Contactor Panels

- NEMA 4, 4X or 12 Enclosure
- 208-575 Volt, with Control Power Transformer
- Up to 6 Individually Fused Circuits of Contactors, 40-120 Amps
- Up to 6 Circuits of Branch Circuit Fusing, each 30-110 Amps
- Optional Digital Indicating Microprocessor-Based Temperature and Overtemperature Controllers
- Optional Stepper
- Optional High Limit



Description

Chromalox 4430 Series Contactor Panels are designed and engineered to meet virtually every heating application. Ranging in size from 24.9KW to 448.9KW, the 4430 Series handles resistive heating applications exceeding the capabilities of thermostats and manual switches.

Options

See end of this section for a complete list of Panel Options and NEMA Descriptions.

Features

- NEMA 12, 4 or 4X Stainless Steel Enclosure
- Manual Disconnect Switch
- Magnetic Contactors
- Load Fusing
- Control Power Transformer
- Temperature Controller (indicating)
- Overtemperature Controller(s) with Manual Reset
- Automatic Shutdown Device for Overtemperature Protection
- Drawings for Record
- Complete Installation and Operation Manuals
- Power "ON" Pilot Lamp

4430 Contactor Panels (cont'd.)

Ordering Information - Complete the Model Number using the Matrix provided.

Model

4432 NEMA 12 Power Control Contactor Panel, UL/ cUL
 4434 NEMA 4 Power Control Contactor Panel, UL/ cUL
 4436 NEMA 4X, 304 Stainless Steel Power Control Contactor Panel, UL/ cUL

Code	# Ckts.	Max. Amps Ckt.	Max. Total Amps	Enclosure Dim. (In.)	Contactor Amps	Max. Fuse Amps
124	1	24	24	20x16x8	40	30
148	1	48	48	24x20x8	75	60
180	1	80	80	30x20x8	120	100
196	1	96	96	42x24x8 ¹	120	125
224	2	24	48	30x20x8	40	30
248	2	48	96	36x24x8	75	60
280	2	80	160	42x24x8 ¹	120	100
296	2	96	192	48x24x8 ²	120	125
324	3	24	72	36x24x8	40	30
348	3	48	144	42x24x8 ¹	75	60
380	3	80	240	48x24x8 ²	120	100
396	3	96	288	60x36x8 ³	120	125
424	4	24	96	36x24x8	40	30
448	4	48	192	42x30x8 ⁴	75	60
480	4	80	320	42x30x8 ⁴	120	100
496	4	96	384	60x36x8 ³	120	125
524	5	24	120	36x30x8	40	30
548	5	48	240	42x36x8	75	60
580	5	80	400	48x36x8	120	100
596	5	96	480	60x36x8 ³	120	125
624	6	24	144	36x36x8 ⁴	40	30
648	6	48	288	48x36x8	75	60
680	6	80	480	48x36x8	120	100
696	6	96	576	60x36x8 ³	120	125

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

Code	Controller/Stepper
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0	None-Terminals for Remote Control Contact
1	One 2104-T0100 Temp. Controller
2	Stepper - Terminals for 4-20mA Input
3	One 2104-A0100 and Stepper
4	4-20mA Input, Stepper and One SCR Trim Load
5	One 2104-A0100, Stepper and One SCR Trim Load

Code	High Limit Controller
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0	None-Terminals for Remote Shutdown
1	One 3101-11000 High Limit
2	Two 3101-11000 High Limits
3	Three 3101-11000 High Limits

4432 - 624 5 5 1 Typical Model Number

Notes:

- (1) NEMA 4 (42x30x8), NEMA 4X (42x36x8)
- (2) NEMA 4 and NEMA 4X (48x36x8)
- (3) NEMA 4X (60x36x12)
- (4) NEMA 4X (42x36x8)