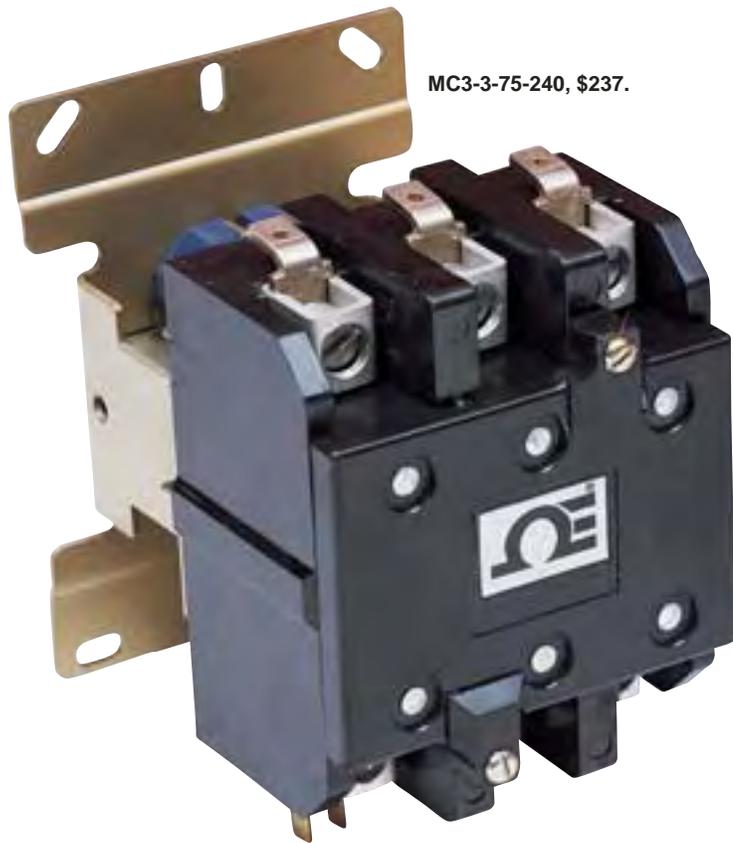
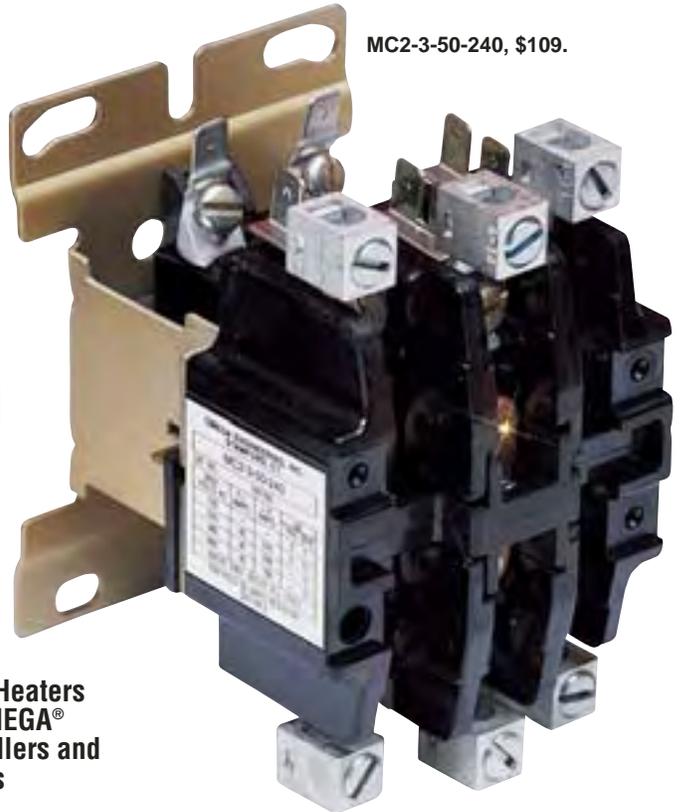


# MAGNETIC CONTACTORS

## SPECIAL PURPOSE CONTACTORS FOR HIGH-POWER TEMPERATURE CONTROL



Shown slightly smaller than actual size.



MC Series Starts at \$47



Control Resistance Heaters up to 75 A Using OMEGA® Temperature Controllers and Magnetic Contactors

- Long Life—Over 500,000 Operations
- 30 to 75 A
- Heavy-Duty Construction
- Easy Mounting
- 600 Vac Contacts

### Applications Rating Guide

Model Number	MC1-2-30-120 MC1-2-30-240	MC2-2-40-120 MC2-2-40-240	MC2-3-40-120 MC2-3-40-240	MC2-3-50-240	MC3-3-75-240
Non-Inductive Amps	30	40	40	50	75
Full Load Amps	20	30	30	40	60
Locked Rotor Amps @ 240 V	120	180	180	240	360
@ 480 V	100	150	150	200	300
@ 600 V	80	120	120	160	240
Number of Poles	2	2	2	3	3
Wire Size (AWG)	16 to 8	16 to 8	16 to 8	14 to 6	14 to 2

**Note:**

- 1) Contacts are rated to 600 Vac.  
2) Poles cannot be used in parallel to increase current rating.

- 3) Relays do not provide overload protection from motors.  
4) Relays must be mounted vertically.

## Mechanical Contactors for Temperature Control

OMEGA® mechanical contactors are designed to be used independently with 120 and 240 Vac control signals or with any of the OMEGA® temperature controllers. OMEGA® special purpose contactors provide the process industry with exceptionally reliable control for heating and cooling applications. Long electromechanical life is assured by extra electrical capacity and short stroke magnet design. Silver-cadmium oxide contacts have superior weld resistant characteristics, high conductivity and high resistance to arc erosion. The specially designed contact spacing gives arc over protection up to 600 Vac.

Installation is simplified because terminal and mounting screws are accessible from the same direction. Contactors are designed to be mounted vertically either exposed, in existing equipment, or individually using NEMA 1 (IP10) enclosures (Model EN-MC2).



EN-MC2 relay enclosure, \$53, shown smaller than actual size.

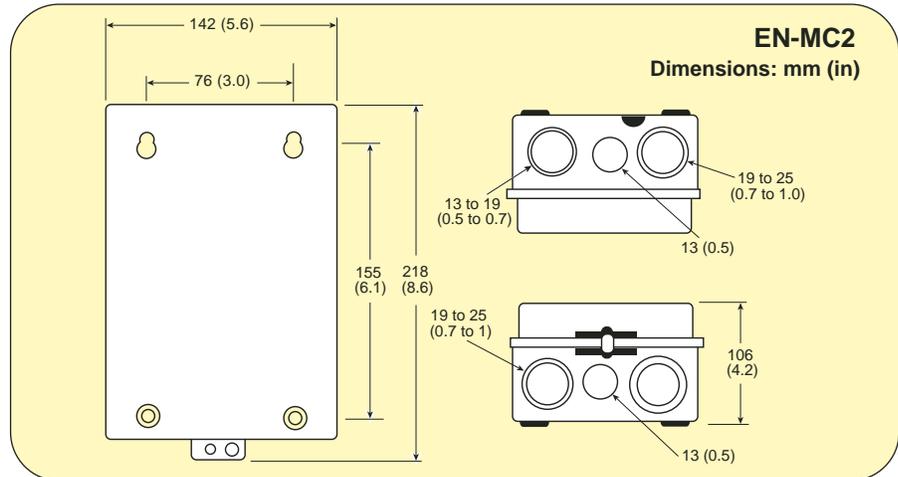
## SPECIFICATIONS

**Mounting Holes:** Keyhole slots and regular holes are embossed to facilitate mounting on uneven wall surfaces

**Knockouts:** NEMA 1 (IP10) enclosures have ample knockouts for wiring

**General:** Enclosures are drawn steel with a baked gray acrylic lifetime finish

**Note:** The enclosures are not water or dust tight. They are intended for indoor use only. Fits MC2 style contactors.



### How To Order

**Select:**

1. Style
2. Determine No. of Poles
3. Full Load Amps
4. Coil Voltage

**MC [1]-[2]-[3]-[4]**

Style \_\_\_\_\_ ↑  
 No. of Poles \_\_\_\_\_ ↑  
 Full Load Amps \_\_\_\_\_ ↑  
 Coil Voltage \_\_\_\_\_ ↑

To Order (Specify Model Number)		MOST POPULAR MODELS HIGHLIGHTED!
MODEL NO.	PRICE	DESCRIPTION
MC1-2-30-120	\$47	120 Vac coil, 30 Amp, 2-pole magnetic contactor
MC1-2-30-240	47	240 Vac coil, 30 Amp, 2-pole magnetic contactor
MC2-2-40-120	88	120 Vac coil, 40 Amp, 2-pole magnetic contactor
MC2-2-40-240	88	240 Vac coil, 40 Amp, 2-pole magnetic contactor
MC2-3-40-120	99	120 Vac coil, 40 Amp, 3-pole magnetic contactor
MC2-3-40-240	99	240 Vac coil, 40 Amp, 3-pole magnetic contactor
MC2-3-50-240	109	240 Vac coil, 50 Amp, 3-pole magnetic contactor
MC3-3-75-240	237	240 Vac coil, 75 Amp, 3-pole magnetic contactor

Comes with operator's manual.  
 Ordering Example: MC2-2-40-120, 120 Vac coil, 40 Amp, 2-pole, magnetic contactor, \$88.

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