

# IEC Power Devices

## Mini Contactors Overload Relays

### C-2000

## Section 5

### Overload Relays

#### Fixed Heater

C2000 overload relays provide motor overload protection through fixed bimetal heaters. These relays are ambient compensated and utilize a differential mechanism for single-phase sensitivity. The trip setting is adjustable for the range listed.

Overload relays may be set for 2 different operational modes—manual reset only or automatic reset only. Stop is initiated by pushing the red stop button.

- Class 10A trip
- Ambient temperature compensation
- Differential phase loss sensitivity
- Trip indication
- Manual trip test
- Stop button (red)
- Reset button (blue), two positions: manual (H) and automatic (A)
- Pre-wired coil and NC contact connection
- Auxiliary contact feed-through wire, to facilitate installation
- Direct mounting or panel mount with base

### Reference Publications

#### Instructions

GEH-5475 MC Mini-Contactor/MT03 Thermal-Overload Relay. U.S. version.

GEH-5931 MC Mini-Contactor Global Instructions

GEH-5932 MT03 Thermal-Overload Relay Global Instructions



Mini Contactor Overload Relay

### Overload Relays

Current Range Amps (min-max)	Maximum Fuse Rating HRC11	Maximum Fuse Rating K5	Product Number	List Price GO-10A1	Approx. Weight Each
0.11-0.17			MT03A	\$40.00	4 oz.
0.17-0.26			MT03B	\$40.00	4 oz.
0.26-0.43	2	1	MT03C	\$40.00	4 oz.
0.43-0.65	4	1	MT03D	\$40.00	4 oz.
0.65-1.0	6	3	MT03E	\$40.00	4 oz.
0.85-1.3	6	3	MT03F	\$40.00	4 oz.
1.1-1.6	10	6	MT03G	\$40.00	4 oz.
1.35-2.0	10	6	MT03H	\$40.00	4 oz.
1.7-2.4	16	6	MT03I	\$40.00	4 oz.
2.2-3.2	16	10	MT03J	\$40.00	4 oz.
3.0-4.7	16	15	MT03K	\$40.00	4 oz.
4.0-6.3	20	20	MT03L	\$40.00	4 oz.
5.5-8.0	25	30	MT03M	\$40.00	4 oz.
7.5-10.5	35	40	MT03N	\$40.00	4 oz.
10.0-14.0	50	50	MT03P	\$40.00	4 oz.

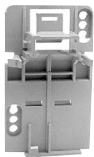
**Fixed Heater With Differential Protection for Direct Mounting to Contactor.** Packaged in multiples of 10 units. Each product number represents one unit.

### Overload Relay Accessories

Type	Product Number	List Price GO-10A1	Approx. Weight Each	Packing Quantity <sup>1</sup>
Base for Separate Panel/Rail Mount of Overload Relay (Requires Power Input Terminals)	MVB0T	\$3.00	1 oz.	5
Power Input Terminals Used in Conjunction with Base	MVE0T	\$9.00	2 oz.	5
Instantaneous Auxiliary Contact Block for Relay, 1NO Contact	MATV10AT <sup>2</sup>	\$8.00	1 oz.	10

<sup>1</sup>Pack quantity multiples. Each product number represents one unit. May be ordered in quantities less than 10.

<sup>2</sup>Adder block may be used with manual operation only.



Base



Power Input Terminal



Instantaneous Auxiliary Contact Block

