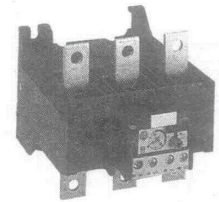


C-2000™ Overload Relays

Fixed Heater

RT3 Overload Relay

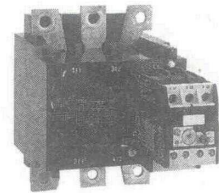
| Type of Mounting | Rated Current (Amps) | | Max. Fuse Rating Amps | Max. Circuit Breaker Rating Amps | Manual Reset Only | Manual/Auto Reset Stop/Reset only | | List Price, GO-10C2 |
|------------------------|----------------------|------|-----------------------|----------------------------------|-------------------|-----------------------------------|----------|---------------------|
| | Min. | Max. | | | | Class 10 | Class 20 | |
| Direct- or Panel Mount | 55 | 80 | 225 | 200 | RTN3B | RT3B | — | \$185.00 |
| | 63 | 90 | 250 | 225 | RTN3C | RT3C | RT32C | 185.00 |
| | 90 | 120 | 350 | 300 | RTN3D | RT3D | RT32D | 185.00 |
| | 110 | 140 | 400 | 350 | RTN3E | RT3E | RT32E | 225.00 |
| | 140 | 190 | 450 | 500 | RTN3F | RT3F | RT32F | 225.00 |



Use with Contactors with these prefixes:
CK75 CK08

RT4 Overload Relay

| Type of Mounting | Rated Current (Amps) | | Max. Fuse Rating Amps | Max. Circuit Breaker Rating Amps | Manual Reset Only | Manual/Auto Reset Stop/Reset only | | List Price, GO-10C2 |
|------------------|----------------------|------|-----------------------|----------------------------------|-------------------|-----------------------------------|----------|---------------------|
| | Min. | Max. | | | | Class 10 | Class 30 | |
| Separate Mount ① | 45 | 70 | 225 | 175 | — | — | RT4LK | \$285.00 |
| | 60 | 90 | 300 | 225 | — | — | RT4LL | 285.00 |
| | 80 | 125 | 400 | 350 | — | — | RT4LM | 285.00 |
| | 120 | 190 | 600 | 500 | RTN4N | RT4N | RT4LN | 285.00 |
| | 175 | 280 | 800 | 700 | RTN4P | RT4P | RT4LP | 285.00 |
| | 200 | 310 | 900 | 800 | RTN4R | RT4R | RT4LR | 380.00 |

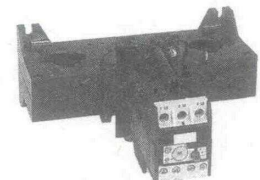


Use with Contactors with these prefixes:
CK09 CK95

① Can be mounted to contactor with Overload Jumpers (listed on page 3-13) and Base Plate (CKXB01) (listed on page 3-13).

RT5 Overload Relay

| Type of Mounting | Rated Current (Amps) | | Max. Fuse Rating Amps | Max. Circuit Breaker Rating Amps | Manual Reset Only | Manual/Auto Reset Stop/Reset only | | List Price, GO-10C2 |
|------------------|----------------------|------|-----------------------|----------------------------------|-------------------|-----------------------------------|----------|---------------------|
| | Min. | Max. | | | | Class 10 | Class 30 | |
| Separate Mount ② | 120 | 190 | 800 | 500 | RTN5A | RT5A | RT5LA | \$641.00 |
| | 175 | 280 | 1200 ① | 700 | RTN5B | RT5B | RT5LB | 641.00 |
| | 250 | 400 | 1200 ① | 1000 ① | RTN5C | RT5C | RT5LC | 641.00 |
| | 315 | 500 | 1200 ① | 1200 ① | RTN5D | RT5D | RT5LD | 903.00 |
| | 430 | 650 | 1200 ① | 1200 ① | RTN5E | RT5E | RT5LE | 903.00 |



Use with Contactors with these prefixes:
CK10 CK11 CK12

① Maximum fuse rating of 1000 amps/maximum circuit breaker rating of 600 amps when used with CK10CE or CK11CE contactors. Use CK10BE or CK11BE with higher rated protective devices indicated. CK12BE suitable for all ratings listed.

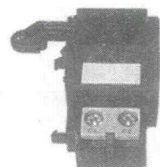
② Can be mounted to contactor with Overload Jumpers (listed on page 3-13).

Note: Do not exceed contactor current rating when selecting and adjusting overload relays.

Remote Electrical Reset

Remote electrical resets are used in applications where the motor starter is inaccessible or in automated control systems where you want to reset the overload relay remotely after the fault has been cleared. Electrical reset coils are rated for intermittent duty and for use with momentary contacts. Minimum time .2 sec. on for reliable operation. Maximum time 1 sec. on/30 sec. off, 5 sec. on/90 sec. off, 10 sec. on/180 sec. off. Power consumption is 100VA/100 watts.

| For use with | Voltage 50/60Hz AC/DC | Catalog No. | List Price, GO-10C2 |
|------------------------|-----------------------|-------------|---------------------|
| All RT overload relays | 12 V | RTXRRB | \$55.00 |
| | 24 V | RTXRRD | 55.00 |
| | 48 V | RTXRRG | 55.00 |
| | 110-120 V | RTXRRJ | 55.00 |
| | 220-240 V | RTXRRN | 55.00 |
| | 380-415 V | RTXRRU | 55.00 |
| | 440-480 V | RTXRRX | 55.00 |



References:

Instructions

- GEH-6237 RT1* (Class 10) Overload
- DEH-040 RT12* (Class 20) Overload
- GEH-6238 RT2* (Class 10) Overload
- DEH-041 RT22* (Class 20) Overload
- GEH-6239 RT3* (Class 10) Overload

- DEH-042 RT32* (Class 20) Overload
- GEH-6240 RT4* (Class 10, 30) Overload
- GEH-6241 RT5* (Class 10, 30) Overload
- GEH-5520 RT5 Overload Connection Kit
- DEH-055 Remote Electrical Reset



C-2000™ Overload Relays

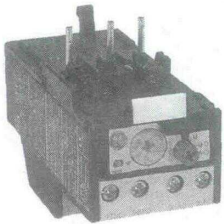
Fixed Heater

C2000 RT 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 4 different operational modes—manual reset only, automatic reset only, manual reset/stop, or automatic reset/stop. Stop is initiated by pushing the reset button which interrupts the holding circuit in the latter two listed modes.

Overload relays feature visible trip indication, reset on the upstroke, weld check, and trip test.

RT1 Overload Relay

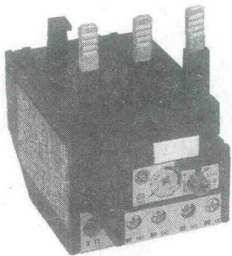


Use with Contactors with these prefixes:

- CL00 CL25
- CL01 CL04
- CL02 CL45

| Type of Mounting | Rated Current (Amps) | | Max. Fuse Rating Amps | Max. Circuit Breaker Rating Amps | Manual Reset Only | Manual/Auto Reset Stop/Reset only | | List Price, GO-10C2 |
|------------------|----------------------|------|-----------------------|----------------------------------|-------------------|-----------------------------------|----------|---------------------|
| | Min | Max. | | | Class 10 | Class 10 | Class 20 | |
| Direct Mount | 0.16 | 0.26 | 1 | 15 | RTN1B | RT1B | — | \$55.00 |
| | 0.25 | 0.41 | 1 | 15 | RTN1C | RT1C | — | 55.00 |
| | 0.4 | 0.65 | 3 | 15 | RTN1D | RT1D | — | 55.00 |
| | 0.65 | 1.1 | 6 | 15 | RTN1F | RT1F | — | 55.00 |
| | 1 | 1.5 | 6 | 15 | RTN1G | RT1G | — | 55.00 |
| | 1.3 | 1.9 | 6 | 15 | RTN1H | RT1H | — | 55.00 |
| | 1.8 | 2.7 | 10 | 15 | RTN1J | RT1J | — | 55.00 |
| | 2.5 | 4.1 | 15 | 15 | RTN1K | RT1K | RT12K | 55.00 |
| | 4 | 6.3 | 20 | 15 | RTN1L | RT1L | RT12L | 55.00 |
| | 5.5 | 8.5 | 25 | 15 | RTN1M | RT1M | RT12M | 57.00 |
| | 8 | 12 | 40 | 30 | RTN1N | RT1N | RT12N | 57.00 |
| | 10 | 16 | 50 | 35 | RTN1P | RT1P | RT12P | 57.00 |
| | 14.5 | 18 | 60 | 40 | RTN1S | RT1S | RT12S | 57.00 |
| | 17.5 | 22 | 70 | 50 | RTN1T | RT1T | RT12T | 57.00 |
| | 21 | 26 | 80 | 60 | RTN1U | RT1U | RT12U | 57.00 |
| | 25 | 32 | 100 | 80 | RTN1V | RT1V | RT12V | 65.00 |
| 30 | 40 | 100 | 80 | RTN1W | RT1W | RT12W | 78.00 | |

RT2 Overload Relay



Use with Contactors with these prefixes:

- CL06 CL09
- CL07 CL10
- CL08

| Type of Mounting | Rated Current (Amps) | | Max. Fuse Rating Amps | Max. Circuit Breaker Rating Amps | Manual Reset Only | Manual/Auto Reset Stop/Reset only | | List Price, GO-10C2 |
|------------------|----------------------|------|-----------------------|----------------------------------|-------------------|-----------------------------------|----------|---------------------|
| | Min | Max. | | | Class 10 | Class 10 | Class 20 | |
| Direct Mount | 11.5 | 15 | 35 | 25 | RTN2A | RT2A | — | \$ 98.00 |
| | 14.5 | 19 | 50 | 45 | RTN2B | RT2B | — | 98.00 |
| | 18.5 | 25 | 70 | 60 | RTN2C | RT2C | — | 98.00 |
| | 24 | 32 | 90 | 80 | RTN2D | RT2D | RT22D | 98.00 |
| | 30 | 43 | 100 | 100 | RTN2E | RT2E | RT22E | 98.00 |
| | 42 | 55 | 150 | 125 | RTN2G | RT2G | RT22G | 98.00 |
| | 54 | 65 | 175 | 150 | RTN2H | RT2H | RT22H | 98.00 |
| | 64 | 82 | 225 | 200 | RTN2J | RT2J | RT22J | 117.00 |
| | 78 | 97 | 225 | 225 | RTN2L | RT2L | RT22L | 143.00 |
| | 90 | 110 | 225 | 250 | RTN2M | RT2M | RT22M | 143.00 |

Note: Do not exceed contactor current rating when selecting and adjusting overload relays. For panel mount use base adapter RTXP or RT2XP.

References:

Instructions

- GEH-6237 RT1* (Class 10) Overload
- DEH-040 RT12* (Class 20) Overload
- GEH-6238 RT2* (Class 10) Overload
- DEH-041 RT22* (Class 20) Overload
- GEH-6239 RT3* (Class 10) Overload

- DEH-042 RT32* (Class 20) Overload
- GEH-6240 RT4* (Class 10, 30) Overload
- GEH-6241 RT5* (Class 10, 30) Overload
- GEH-5520 RT5 Overload Connection Kit
- DEH-055 Remote Electrical Reset

3 IEC DEVICES