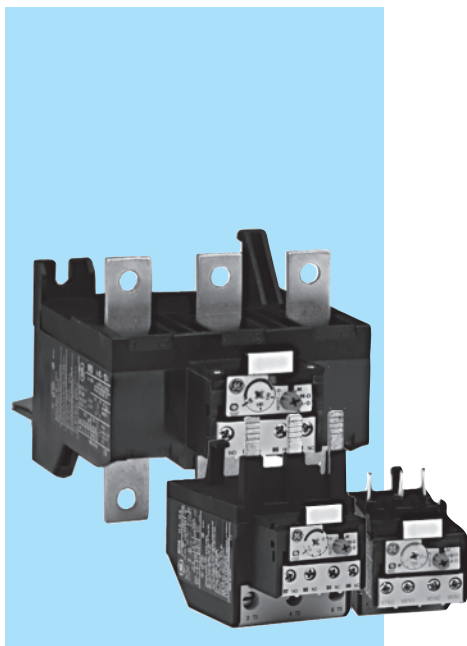




## Thermal overload relays for contactors from 0.16 to 850A

- Control circuit up to 690V AC
- Power circuit:
  - RT1, RT12: up to 690V
  - RT2, RT22, RT3, RT32, RT4/4L, RT5/5L & RT6/6L: up to 1000V
- Thermal protection against normal overloads.
- Three pole differential (phase unbalance protection).
- Protection against long starting times.
- Automatic ambient temperature compensation between - 25°C + 60°C.
- Front mounted test button.
- Trip indication.
- Independent auxiliary contacts with double rupture (1NO + 1NC).
- Function selector:
  - Manual RESET
  - Manual RESET and STOP
  - Automatic RESET with STOP
  - Automatic RESET without STOP

### Standards

|                  |             |
|------------------|-------------|
| IEC/EN 60947-4-1 | CSA 22.2/14 |
| IEC/EN 60947-5-1 | NI C 63-650 |
| UNE 115          | VDE 0660    |
| NFC 63-650       | UL 508      |
| CEI 17-50        |             |

### Approvals/Marking



Lloyd's  
Register



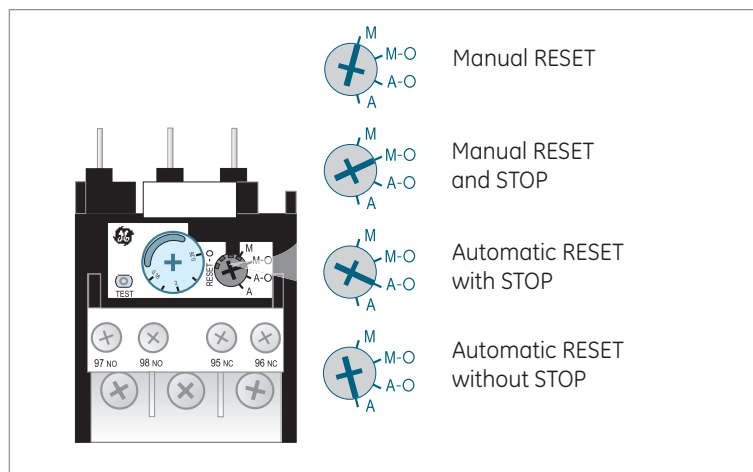
Bureau  
Veritas



RINA



(Contact GE for details)



Order codes ● pg. A.71  
Technical data ● pg. A.122  
Dimensions ● pg. A.123

## Thermal overload relays for contactors



|           | For use with: | Setting range (regulation) |        | Fuses <sup>(1)</sup> |         | Screw terminal |          | Ring terminal |          | Pack |
|-----------|---------------|----------------------------|--------|----------------------|---------|----------------|----------|---------------|----------|------|
|           |               |                            |        | aM                   | gL - gG |                |          |               |          |      |
|           |               | min. A                     | max. A | A                    | A       | Cat. no.       | Ref. no. | Cat. no.      | Ref. no. |      |
| Class 10A | CL00          | 0.16                       | 0.26   | 2                    | 2       | RT1B           | 113700   | RT1RB         | 114087   | 5    |
|           | CL01          | 0.25                       | 0.41   | 2                    | 2       | RT1C           | 113701   | RT1RC         | 114088   | 5    |
|           | CL02          | 0.4                        | 0.65   | 2                    | 2       | RT1D           | 113702   | RT1RD         | 114089   | 5    |
|           | CL25          | 0.65                       | 1.1    | 2                    | 4       | RT1F           | 113703   | RT1RF         | 114090   | 5    |
|           | CL03          | 1.0                        | 1.5    | 4                    | 6       | RT1G           | 113704   | RT1RG         | 114091   | 5    |
|           | CL04          | 1.3                        | 1.9    | 4                    | 6       | RT1H           | 113705   | RT1RH         | 114092   | 5    |
|           | CL45          | 1.8                        | 2.7    | 6                    | 10      | RT1J           | 113706   | RT1RJ         | 114093   | 5    |
|           |               | 2.5                        | 4.0    | 8                    | 16      | RT1K           | 113707   | RT1RK         | 114094   | 5    |
|           |               | 4.0                        | 6.3    | 12                   | 20      | RT1L           | 113708   | RT1RL         | 114095   | 5    |
|           |               | 5.5                        | 8.5    | 16                   | 20      | RT1M           | 113709   | RT1RM         | 114096   | 5    |
|           |               | 8.0                        | 12.0   | 20                   | 25      | RT1N           | 113710   | RT1RN         | 114097   | 5    |
|           |               | 10.0                       | 16.0   | 25                   | 35      | RT1P           | 113711   | RT1RP         | 114098   | 5    |
|           |               | 14.5                       | 18.0   | 32                   | 50      | RT1S           | 113712   | RT1RS         | 114099   | 5    |
|           |               | 17.5                       | 22.0   | 40                   | 50      | RT1T           | 113713   | RT1RT         | 114100   | 5    |
|           |               | 21.0                       | 26.0   | 40                   | 63      | RT1U           | 113714   | RT1RU         | 114101   | 5    |
|           |               | 25.0                       | 32.0   | 50                   | 80      | RT1V           | 113715   | RT1RV         | 114102   | 5    |
|           |               | 30.0                       | 40.0   | 63                   | 100     | RT1W           | 113716   | RT1RW         | 114103   | 5    |
| Class 10  | CL05          | 11.5                       | 15.0   | 32                   | 35      | RT2A           | 113717   | RT2RA         | 114104   | 1    |
|           | CL06          | 14.5                       | 19.0   | 40                   | 50      | RT2B           | 113718   | RT2RB         | 114132   | 1    |
|           | CL07          | 18.5                       | 25.0   | 50                   | 63      | RT2C           | 113719   | RT2RC         | 114106   | 1    |
|           | CL08          | 24.0                       | 32.0   | 63                   | 100     | RT2D           | 113720   | RT2RD         | 114133   | 1    |
|           | CL09          | 30.0                       | 43.0   | 80                   | 125     | RT2E           | 113721   | RT2RE         | 114134   | 1    |
|           | CL10          | 42.0                       | 55.0   | 100                  | 160     | RT2G           | 113722   | RT2RG         | 114109   | 1    |
|           |               | 54.0                       | 65.0   | 125                  | 160     | RT2H           | 113723   | RT2RH         | 114146   | 1    |
|           |               | 64.0                       | 82.0   | 125                  | 200     | RT2J           | 113724   | RT2RJ         | 114136   | 1    |
|           |               | 78.0                       | 97.0   | 125                  | 200     | RT2L           | 113725   | RT2RL         | 114235   | 1    |
|           |               | 90.0                       | 110    | 160                  | 250     | RT2M           | 113726   | RT2RM         | 114113   | 1    |
| Class 20  | CL00          | 0.4                        | 0.65   | 2                    | 2       | RT12D          | 139138   | RT12RD        | 114060   | 5    |
|           | CL01          | 0.65                       | 1.1    | 2                    | 4       | RT12F          | 139139   | RT12RF        | 114061   | 5    |
|           | CL02          | 1                          | 1.5    | 4                    | 6       | RT12G          | 139140   | RT12RG        | 114062   | 5    |
|           | CL25          | 1.3                        | 1.9    | 4                    | 6       | RT12H          | 139141   | RT12RH        | 114063   | 5    |
|           | CL03          | 1.8                        | 2.7    | 8                    | 10      | RT12J          | 139142   | RT12RJ        | 114159   | 5    |
|           | CL04          | 2.5                        | 4.1    | 8                    | 16      | RT12K          | 113640   | RT12RK        | 114114   | 5    |
|           | CL45          | 4                          | 6.3    | 12                   | 20      | RT12L          | 113641   | RT12RL        | 114115   | 5    |
|           |               | 5.5                        | 8.5    | 16                   | 20      | RT12M          | 113642   | RT12RM        | 114116   | 5    |
|           |               | 8                          | 12     | 20                   | 35      | RT12N          | 113643   | RT12RN        | 114117   | 5    |
|           |               | 10                         | 16     | 25                   | 35      | RT12P          | 113644   | RT12RP        | 114118   | 5    |
|           |               | 14.5                       | 18     | 32                   | 50      | RT12S          | 113645   | RT12RS        | 114119   | 5    |
|           |               | 17.5                       | 22     | 40                   | 50      | RT12T          | 113646   | RT12RT        | 114120   | 5    |
|           |               | 21                         | 26     | 40                   | 63      | RT12U          | 113647   | RT12RU        | 114121   | 5    |
|           |               | 25                         | 32     | 50                   | 80      | RT12V          | 113648   | RT12RV        | 114122   | 5    |
|           |               | 30                         | 40     | 63                   | 100     | RT12W          | 113649   | RT12RW        | 114123   | 5    |
|           | CL05          | 24                         | 32     | 63                   | 80      | RT22D          | 113650   | RT22RD        | 114124   | 1    |
|           | CL06          | 30                         | 43     | 80                   | 100     | RT22E          | 113651   | RT22RE        | 114141   | 1    |
|           | CL07          | 42                         | 55     | 100                  | 160     | RT22G          | 113652   | RT22RG        | 114126   | 1    |
|           | CL08          | 54                         | 65     | 125                  | 160     | RT22H          | 113653   | RT22RH        | 114127   | 1    |
|           | CL09          | 64                         | 82     | 125                  | 200     | RT22J          | 113654   | RT22RJ        | 114128   | 1    |
|           | CL10          | 78                         | 97     | 125                  | 200     | RT22L          | 113655   | RT22RL        | 114143   | 1    |
|           |               | 90                         | 110    | 160                  | 250     | RT22M          | 113656   | RT22RM        | 114130   | 1    |

(1) Most suitable fuse in accordance with IEC 60947-4-1.

(continued on page A.72)

Order codes

Intro

A

B

C

D

E

F

G

H

I

J/X

