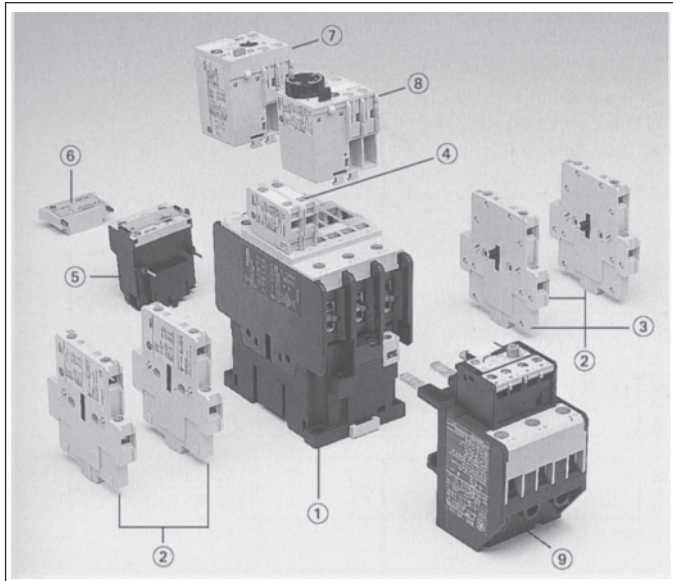
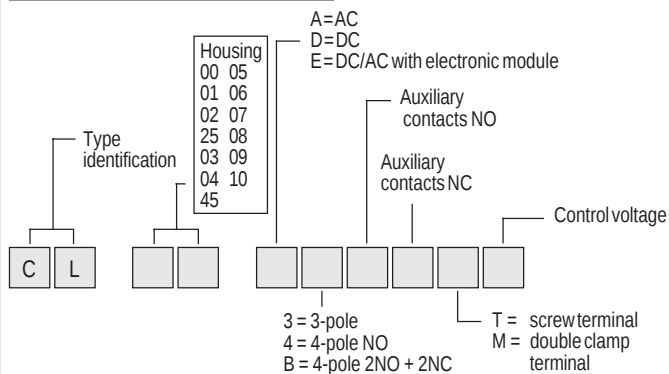
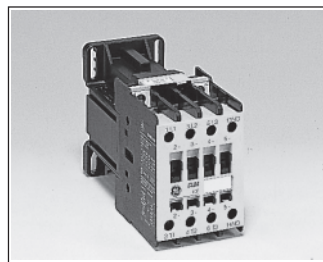


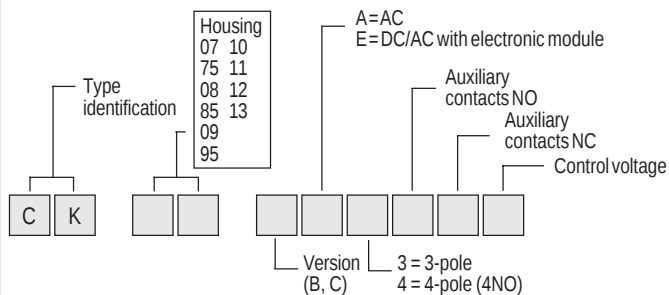
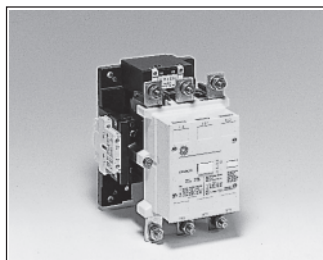


- ① Contactor (see 2.11)
- ② Auxiliary contacts side-mounted (see 2.15)
- ③ Mechanical interlock (see 2.15)
- ④ Auxiliary contacts front-mounted (see 2.15)
- ⑤ Electronic timer block (see 2.16)
- ⑥ Transient voltage suppressor block (see ie 2.16)
- ⑦ Mechanical latch block (see 2.15)
- ⑧ Pneumatic timer block (see 2.15)
- ⑨ Thermal overload relay (see 2.22)

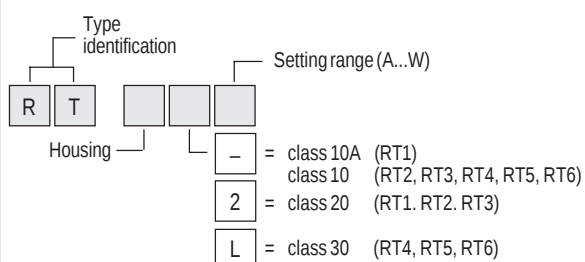
## Contactors Series CL



## Contactors Series CK

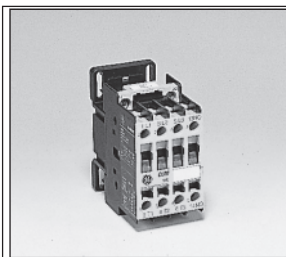


## Thermal overload relay RT

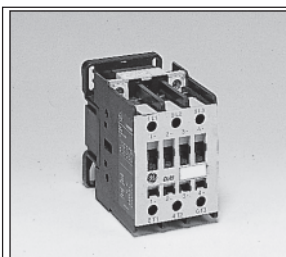


## Three-pole contactors from 9 to 105A (AC3)

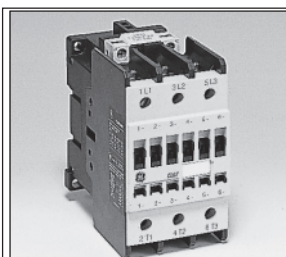
- Power circuit (AC): up to 690V
- Control circuit:  
Alternating current up to 690V AC
- Terminal numbering in accordance with EN 50005 and EN 50012
- Fixing by clipping onto 35 mm DIN rail EN 50022-35 or by screws
- Degree of protection CL00... to CL02... : IP20  
CL25... to CL10... : IP10
- Screws protected against accidental contact in accordance with VDE 0106.
- Three coil terminals.
- Accessories:  
Mounting possibilities of front/side instantaneous auxiliary contact blocks, timed auxiliary contact blocks, mechanical latch, transient suppressor block and interface modules
- Maximum number of auxiliary contacts:  
four for CL00...CL25  
six for CL03...CL45  
eight for CL06...CL10



CL00A310TN



CL45A300MN



CL07A300MN

Thermal overload relay, see 2.22  
Technical specifications, see 2.34  
Dimensions, see 2.44

## Control circuit: alternating current

| Max. operat. current |                                                | Admissible power AC3 |              |              |      | Elec. endur.          | Aux. contacts                                       |             | Cat. no. <sup>(1)</sup>                                                 | Weight                   |                         |
|----------------------|------------------------------------------------|----------------------|--------------|--------------|------|-----------------------|-----------------------------------------------------|-------------|-------------------------------------------------------------------------|--------------------------|-------------------------|
| Non-inductive load   | Motors<br>≤ 440V<br>3-phase<br>50/60 Hz<br>AC3 | 220V<br>230V         | 380V<br>400V | 415V<br>440V | 500V | Category<br>AC3       | <div><div>•3     •1</div><div>•4     •2</div></div> |             |                                                                         |                          |                         |
| AC1                  |                                                |                      |              |              |      |                       |                                                     |             |                                                                         |                          |                         |
| A                    | A                                              | kW                   | kW           | kW           | kW   | # ops.                |                                                     |             |                                                                         |                          |                         |
| 25                   | 9                                              | 2.2                  | 4            | 4            | 5.5  | 2 x 10 <sup>6</sup>   | 0<br>1<br>0                                         | 0<br>0<br>1 | CL00A300T ♦<br>CL00A310T ♦<br>CL00A301T ♦                               | 0.280<br>0.295<br>0.295  |                         |
| 25                   | 12                                             | 3                    | 5.5          | 5.5          | 7.5  | 2 x 10 <sup>6</sup>   | 0<br>1<br>0                                         | 0<br>0<br>1 | CL01A300T ♦<br>CL01A310T ♦<br>CL01A301T ♦                               | 0.280<br>0.295<br>0.295  |                         |
| 32                   | 18                                             | 4                    | 7.5          | 7.5          | 10   | 1.7 x 10 <sup>6</sup> | 0<br>1<br>0                                         | 0<br>0<br>1 | CL02A300T ♦<br>CL02A310T ♦<br>CL02A301T ♦                               | 0.280<br>0.295<br>0.295  |                         |
| 45                   | 25                                             | 7.5                  | 11           | 11           | 15   | 2 x 10 <sup>6</sup>   | 0<br>1<br>0                                         | 0<br>0<br>1 | CL25A300T ♦<br>CL25A310T ♦ <sup>(2)</sup><br>CL25A301T ♦ <sup>(2)</sup> | 0.270<br>0.285<br>0.285  |                         |
| 45                   | 25                                             | 7.5                  | 12           | 12           | 15   | 2 x 10 <sup>6</sup>   | 1<br>0                                              | 0<br>1      | CL03A310M ♦<br>CL03A301M ♦                                              | 0.490<br>0.490           |                         |
| 60                   | 32                                             | 9                    | 16           | 16           | 18.5 | 2 x 10 <sup>6</sup>   | 0<br>1<br>0                                         | 0<br>0<br>1 | CL04A300M ♦<br>CL04A310M ♦<br>CL04A301M ♦                               | 0.500<br>0.520<br>0.520  |                         |
| 60                   | 40                                             | 11                   | 18.5         | 22           | 25   | 2 x 10 <sup>6</sup>   | 0<br>1                                              | 0<br>1      | CL45A300M ♦<br>CL45A311M ♦ <sup>(3)</sup>                               | 0.490<br>0.540           |                         |
| 90                   | 50                                             | 15                   | 22           | 25           | 30   | 1.8 x 10 <sup>6</sup> | 0<br>1                                              | 0<br>1      | CL06A300M ♦<br>CL06A311M ♦ <sup>(3)</sup>                               | 1.075<br>1.105           |                         |
| 110                  | 65                                             | 18.5                 | 30           | 37           | 40   | 1.7 x 10 <sup>6</sup> | 0<br>1                                              | 0<br>1      | CL07A300M ♦<br>CL07A311M ♦ <sup>(3)</sup>                               | 1.090<br>1.120           |                         |
| 110                  | 80                                             | 22                   | 37           | 45           | 45   | 1.5 x 10 <sup>6</sup> | 0<br>1                                              | 0<br>1      | CL08A300M ♦<br>CL08A311M ♦ <sup>(3)</sup>                               | 1.110<br>1.130           |                         |
| 140                  | 95                                             | 25                   | 45           | 50           | 55   | 1.7 x 10 <sup>6</sup> | 0<br>1                                              | 0<br>1      | CL09A300M ♦<br>CL09A311M ♦ <sup>(3)</sup>                               | 1.000<br>1.450           |                         |
| 140                  | 105                                            | 30                   | 55           | 55           | 65   | 1.5 x 10 <sup>6</sup> | 0<br>1                                              | 0<br>1      | CL10A300M ♦<br>CL10A311M ♦ <sup>(3)</sup>                               | 1.440<br>1.470           |                         |
| Spare coils          |                                                |                      |              |              |      |                       | Alternating current                                 |             | CL00 - CL25<br>CL03 - CL45<br>CL06 - CL10                               | LB1A♦<br>LB3A♦<br>LB4A ♦ | 0.063<br>0.102<br>0.145 |

## Available coil voltages <sup>(1)</sup>

### Alternating current (V)

| ♦    | C | D  | F  | G  | J   | K | M | N          | R   | U          | V | W   | X   | Y   | Z          |
|------|---|----|----|----|-----|---|---|------------|-----|------------|---|-----|-----|-----|------------|
| 50Hz |   | 24 | 42 | 48 | 110 |   |   | 220<br>230 | 240 | 380<br>400 |   | 415 | 440 | 500 | 660<br>690 |

- (1) To complete the catalogue number, replace the symbol ♦ by the code corresponding to the voltage and frequency of the control circuit.  
(2) Equipped with one block BCLF (see 2.15)  
(3) Equipped with two blocks BCLF (see 2.15)