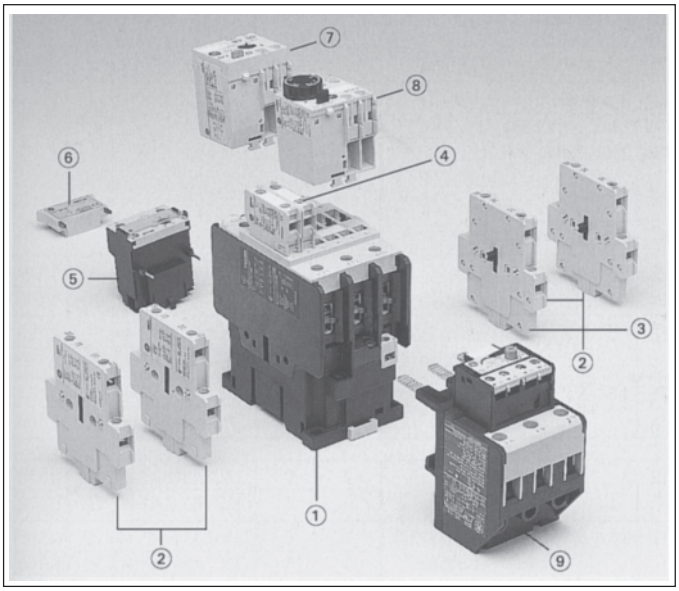
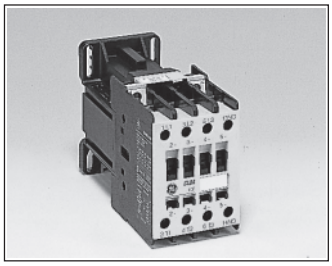
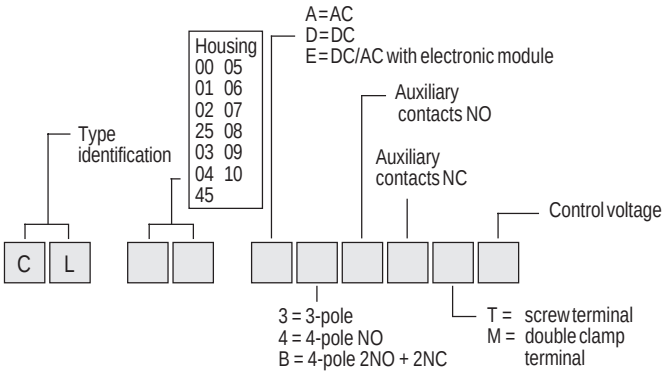


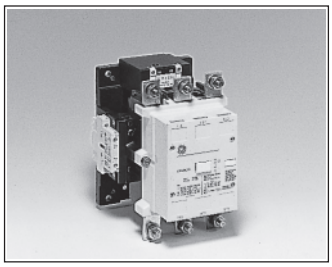

① Contactor (see 2.11)
② Auxiliary contacts side-mounted (see 2.15)
③ Mechanical interlock (see 2.15)
④ Auxiliary contacts front-mounted (see 2.15)
⑤ Electronic timer block (see 2.16)
⑥ Transient voltage suppressor block (see ie 2.16)
⑦ Mechanical latch block (see 2.15)
⑧ Pneumatic timer block (see 2.15)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

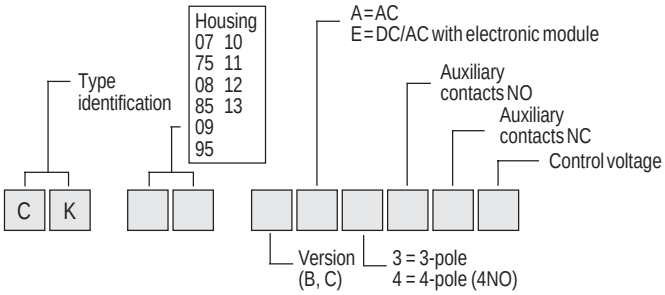
## Contactors Series CL



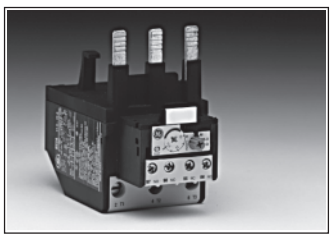


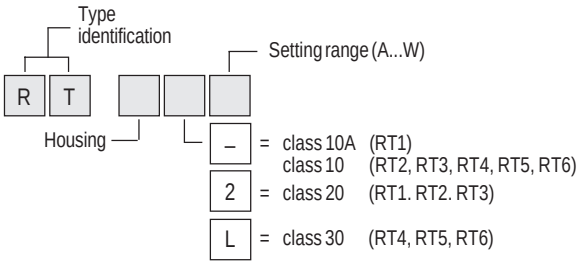

## Contactors Series CK





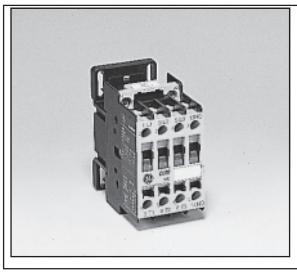

## Thermal overload relay RT



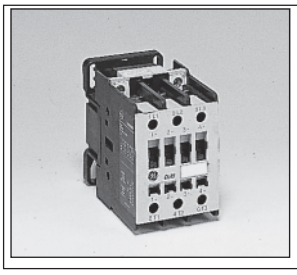


# Three-pole contactors from 9 to 105A (AC3)

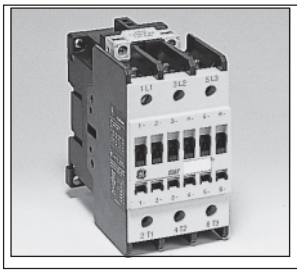
- Power circuit (AC): up to 690V
- Control circuit:
  Alternating current up to 690V AC
- Terminal numbering in accordance with EN 50005 and EN 50012
- Fixing by clipping onto 35 mm DIN rail EN 50022-35 or by screws
- Degree of protection CL00... to CL02... : IP20
  CL25... to CL10... : IP10
- Screws 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**

## Control circuit: alternating current ~

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

| Spare coils | | | | |
|---|---|---|---|---|
| | Alternating current | CL00 - CL25 | **LB1A♦** | 0.063 |
| | | CL03 - CL45 | **LB3A♦** | 0.102 |
| | | CL06 - CL10 | **LB4A ♦** | 0.145 |

## Available coil voltages (1)

**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)

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