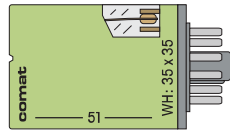
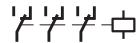




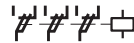
Long Life



Power Relay



Control Relay



THE UNINDESTRUCTIBLE ONES

3-pole Industrial Relay according to IEC 67-1

- lockable manual operation
- mechanical flag indicator

Test voltage: \square 2500V / 1500V

Tamb. operation/storage: -40...+70/-40...+85°C



Connection No. on socket →
Designation according to DIN/EN 50011 →

Connection on sockets EC-11, C11A, C12B

μ = contact opening < 3 mm

Data at Tamb. = 20°C (standard coil \square)

- Contact material: Ag (AgCuNi)
- Switching power AC1/DC1
- Peak inrush power
- Switching cycles mech./electr.(AC1)
- Operation voltage AC50Hz/DC
- Power consumption
- Triggering delay / release time

Standard AC ~ 50/60Hz

Standard DC $\leq 10\%$

D, DL DC $\leq 10\%$

⊗ = Type "L" (option)

Railway D/R DC $\leq 10\%$

The railway-relays C31D/R DC comply to fire protection standards according NFF 16101/2 and ISO 9125/2.

For suitable coil wirings see "R-modules" page 31

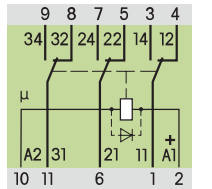
Ordering example

- Relay C31/AC 230V
- Socket EC-11 or C11A
- Retaining clip HF-32 (option)

C31

Universal Power Relay 10A with 3 power changeover-contacts this is the robust relay for AC and DC circuits ranging from 10mA 10V.

10A 250V/4A 440V ~
10mA 10V



Ag (AgCuNi)
2500VA/...300W
40A (20ms)
100x10⁶ $\geq 7 \times 10^5$
0,8...1,2/0,8...1,25Un
2,5VA/1,2W
15/≈ 8, ~ 15ms

24, 48, 115, 230
C31 / AC ... V

12, 24, 48, 110, 220
C31 / DC ... V

12, 24, 48, 110, 220
C31D / DC ... V

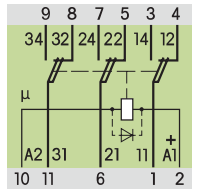
Option = with ⊗

24, 36, 110
C31D/R DC ... V

C32

Relay like ..C31, but with twin contacts 6A The control relay with highest switching reliability for control and signal circuits ranging from 1mA 5V.

6A 250V ~
1mA 5V



Ag (AgCuNi)
1500VA/...200W
15A (20ms)
100x10⁶ $\geq 1,5 \times 10^5$
0,8...1,2/0,8...1,25Un
2,5VA/1,2W
15/≈ 8, ~ 15ms

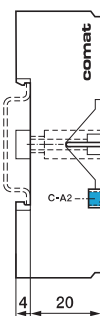
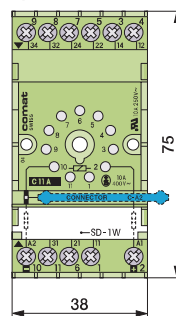
24, 48, 115, 230
C32 / AC ... V

12, 24, 48, 110, 220
C32 / DC ... V

12, 24, 36, 48, 110, 220
C32D / DC ... V

24, 36, 110
C32D/R DC ... V

System socket C11A *)



*) with plugged-in neutral conductor connector C-A2 (standard delivery).

Economy socket EC-11

