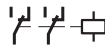




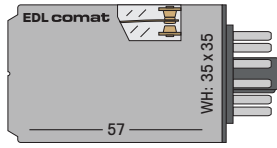
Power relay



Power relay



**Industrial relays
Classic line**



2- and 3-pole industrial relay

- Push Pull-button
- Mechanical status indication
- Diode/LED (Option)



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

Connection with socket
EC-8 and EC-11

μ = contact gap < 3 mm

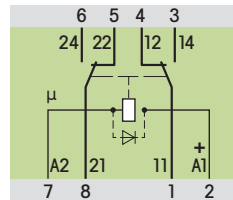
Data at Tamb. = 20°C

- Contact material
Switching power AC1/DC1
Inrush current
Switching cycles mech./electr. (AC1)
- Operating voltage AC50 Hz/DC
Power consumption AC/DC
ON delay / release time
- Operating temperature
Isolation contact/coil
Isolation contact/contact
Shock/vibration // working cond.

E210F...

Universal power relay 10A
with 2 changeover contacts
for AC and DC circuits
ranging from 10 mA 24V.

10A 250V~
10 mA 24V



- AgCdO
2500 VA/...300W
20 A (4 sec)
2x10⁷/≥10⁵
- 0,8...1,3xUn
2 VA/1,3W
18 msec/12 msec no fwd
- 25°C...+60°C
2 k Vrms 1 min
1 k Vrms 1 min
10g/3g 10...55 Hz

24, 48, 115, 230
E210F **L** / AC ...V

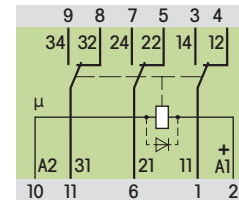
12, 24, 48, 110
E210F **DL** / DC ...V

Option

E310F...

Universal power relay 10A
with 3 changeover contacts
for AC and DC circuits
ranging from 10 mA 24V.

10A 250V~
10 mA 24V



- AgCdO
1250 VA/...300W
20 A (4 sec)
2x10⁷/≥10⁵
- 0,8...1,3xUn
2 VA/1,3W
18 msec/12 msec no fwd
- 25°C...+60°C
2 k Vrms 1 min
1 k Vrms 1 min
10g/3g 10...55 Hz

24, 48, 115, 230
E310F **L** / AC ...V

12, 24, 48, 110
E310F **DL** / DC ...V

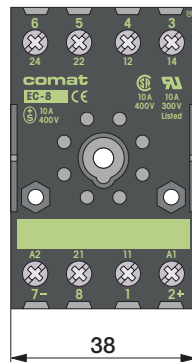
Option

Option:
L = ⊗
DL = ⊗ + ⊕

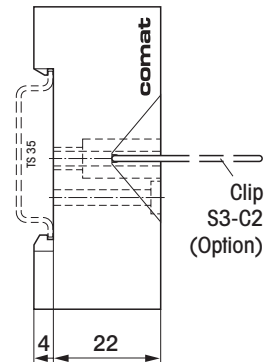
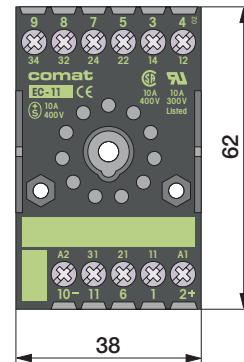
Ordering example

- Relay E310F/AC230V
- Socket EC-11

Socket EC-8



Socket EC-11



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This issue replaces all previous issues. Availability, errors and specifications subject to change without notice.