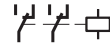
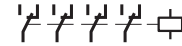




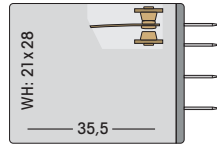
Power relay



Control relay



**Miniature industrial relays
Classic line**

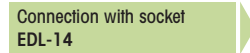


2- and 4-pole miniature industrial relays

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



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



μ = contact gap < 3 mm

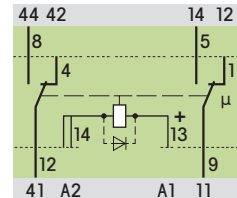
Data at Tamb. = 20°C

- Contact material
Switching power AC1/DC1
Inrush current
Switching cycles mech./electr. (AC1)
- Operating voltage AC/50 Hz/DC
Power consumption AC/DC
ON delay / release time
- Operating temperature
Isolation contact/coil
Isolation contact/contact
Shock/vibration // working cond.

E42F...

Universal power relay 10A (12A)
with 2 changeover contacts for AC and DC circuits ranging from 10mA 24V.

10A (*12A) 250V~
10mA 24V

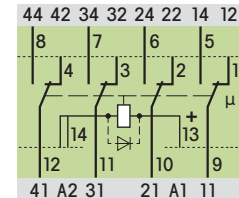


- AgCdO
2500VA/...400W
20A (4 sec)
2x10⁷/≥10⁵
- 0,8...1,3xUn
1,2VA/0,9W
12msec/10msec no fwd
- 25°C...+60°C (*+50°C)
- 2k Vrms 1min
1k Vrms 1min
20g/3g 10...55Hz

E45F...

Universal control relay 5A
with 4 changeover contacts for AC and DC circuits ranging from 10mA 12V.

5A 250V~
10mA 12V



- AgNi
1250VA/...200W
10A (4 sec)
20x10⁷/≥10⁵
- 0,8...1,3xUn
1,2VA/0,9W
12msec/10msec no fwd
- 25°C...+60°C
- 2k Vrms 1min
1k Vrms 1min
20g/3g 10...55Hz



24, 48, 115, 230
E42F **L** / AC ... V

12, 24, 48, 110
E42F **DL** / DC ... V

Option

24, 48, 115, 230
E45F **L** / AC ... V

12, 24, 48, 110
E45F **DL** / DC ... V

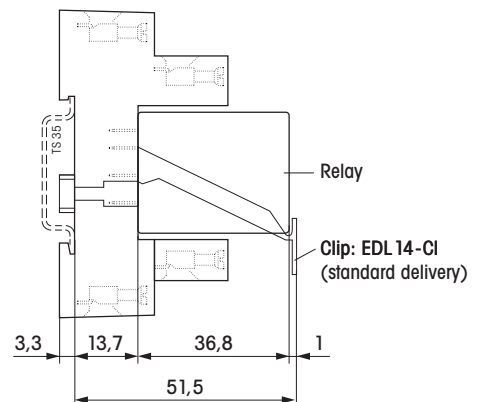
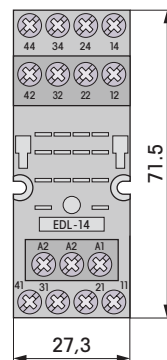
24, 48, 110
E45FGDL / DC ... V

Option

Option:
L = ⊗
DL = ⊗ + †

G = contact AgNi + <5μm Au

Socket EDL-14



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Ordering example

- Relay E42F/AC230V
- Socket EDL-14