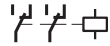
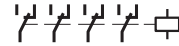




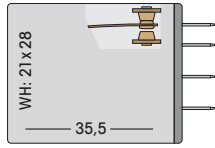
**Power relay**



**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

Connection with socket  
**EDL-14**

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.



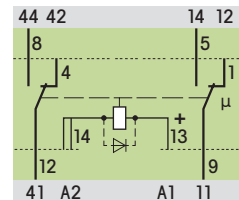
Option:  
L = ⊗  
DL = ⊗ + †

G = contact AgNi + < 5μm Au

**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)  
2x10<sup>7</sup>/≥10<sup>5</sup>  
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

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

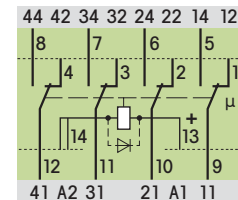
12, 24, 48, 110  
E42F **DL** / DC ... V

Option

**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)  
20x10<sup>7</sup>/≥10<sup>5</sup>  
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  
E45F **L** / AC ... V

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

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

Option



**Kühn Controls S.L.**  
Vertriebsbüro Deutschland  
Gräfenhäuser Str. 14  
D-75305 Neuenbürg  
Tel.: +49- (0)7082-940000  
Fax: +49- (0)7082-940001  
eMail: sales@kuehn-controls.de  
www.multicomat.net

**Ordering example**

- Relay E42F/AC230V
- Socket EDL-14

**Socket EDL-14**

