



Control relays for a.c. control circuit

- Mounting on 35 mm rail or Ø4 screw fixing.
- Screws in the open "ready-to-tighten" position.

Control circuit
Consumption

Auxiliary
contacts

Basic reference,
to be completed by adding
the voltage code ⁽¹⁾

Screw clamp connections

4.5 VA

4	—	CA2KN40●●
3	1	CA2KN31●●
2	2	CA2KN22●●

Spring terminal connections

4.5 VA

4	—	CA2KN403●●
3	1	CA2KN313●●
2	2	CA2KN223●●

Faston connectors, 1 x 6.35 or 2 x 2.8

4.5 VA

4	—	CA2KN407●●
3	1	CA2KN317●●
2	2	CA2KN227●●

Solder pins for printed circuit boards

4.5 VA

4	—	CA2KN405●●
3	1	CA2KN315●●
2	2	CA2KN225●●

Control relays for d.c. control circuit

- Mounting on 35 mm rail or Ø4 screw fixing.
- Screws in the open "ready-to-tighten" position.

Screw clamp connections

3 W

4	—	CA3KN40●●
3	1	CA3KN31●●
2	2	CA3KN22●●

Spring terminal connections

3 W

4	—	CA3KN403●●
3	1	CA3KN313●●
2	2	CA3KN223●●

Solder pins for printed circuit boards

3 W

4	—	CA3KN405●●
3	1	CA3KN315●●
2	2	CA3KN225●●

(1) Please check the availability of your variant in the index page B7/12. The SEARCH function of your viewer can be used.
Standard control circuit voltages (for other voltages, please consult your Regional Sales Office):

Control relays CA2K (0.8...1.15 Uc) (0.85...1.1 Uc)

Volts ~	12	20	24 ⁽²⁾	36	42	48	110	115	127	220/	230	230/	380/	400	400/	440	500	660/
50/60 Hz										230		240	400		415			690
Code	J7	Z7	B7	C7	D7	E7	F7	FE7	FC7	M7	P7	U7	Q7	V7	N7	R7	S7	Y7

Up to and including 240 V, coil with integral suppression device available: add 2 to the code required. Example: J72

Control relays CA3K (0.8...1.15 Uc)

Volts ⎓	12	20	24 ⁽²⁾	36	48	60	72	100	110	125	200	220	230	240	250
Code	JD	ZD	BD	CD	ED	ND	SD	KD	FD	GD	LD	MD	MPD	MUD	UD

Coil with integral suppression device available: add 3 to the code required. Example: JD3.

(2) When connecting an electronic sensor or timer in series with the coil of the control relay, select a 20 V coil (~ code Z7, ⎓ code ZD) so as to compensate for the incurred voltage drop.