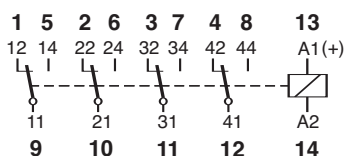


C9-A41... **General purpose**
Four change-over contacts, 5 A

5A / 250V AC1 5A @ 30V DC1
1A / 250V AC15 0,2A @ 110V DC1

Contacts

Materials	code 1 (standard); option: 2
Max. switching current	5 A
Peak inrush current (10 ms)	15 A
Max. switching voltage, (pollution 2)	150 V
Max. AC resistive load (Table 22)	0,7 KVA
Max. DC load	See Table 23



Standard types (50/60 Hz and DC)

AC 24, 48, 115 (110 ... 120), 230

X ≡ LED C9-A41 X/ ... V

DC 12, 24, 48, 110, 120/125, 220

X = LED	C9-A41	X/ ... V
Free wheeling diode	C9-A41D	X/ ... V
Free wheeling and polarity	C9-A41F	X/ ... V
AC/DC rectifier (60V max.)	C9-A41B	X/ ... V

Specifications

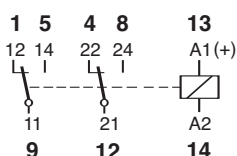
Nominal coil power:	1,2 VA (AC), 1 W (DC)
Operate time	10 ms.
Release time	6 ms.
Isolation: EN60947 pollution 2	150V
Dielectric strength, contacts / coil	2,5 kV
Dielectric strength, pole / pole	2 kV
Weight avg.	43 grs

C9-E21... Sensitive, 500 mW
Two change-over contacts, 5 A

Operating range: 0,8 ... 1,7 x U_N
5A / 250V AC1 5A @ 30V DC1

Contacts

Materials	code 1 (standard); option: 2
Max. switching current	5 A
Peak inrush current (10 ms)	15 A
Max. switching voltage, (pollution 3)	250 V
Max. AC resistive load (Table 22)	0,7 KVA
Max. DC load	See Table 23



Standard types (50/60 Hz and DC)

AC 24, 48, 115 (110 ... 120), 230

X = LED (see pag. 6) **C9-E21** X/ ... V

DC 12, 24, 48, 110

X = LED (see pag. 6)	C9-E21	X/ ...	V
Free wheeling diode	C9-E21D	X/ ...	V
Free wheeling and polarity	C9-E21F	X/ ...	V
AC/DC rectifier (60V max.)	C9-E21B	X/ ...	V

Specifications

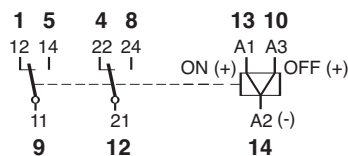
Nominal coil power:	1 VA (AC), 500 mW (DC)
Operate time	10 ms.
Release time	6 ms.
Isolation:	EN60947 pollution 3, Gr C 250V
Dielectric strength, contacts / coil	2,5 kV
Dielectric strength, pole / pole	2,5 kV
Note: Specifications valid without LED or diodes	

C9-R21... Latching
Two change-over contacts, 5 A

5A / 250V AC1	5A @ 30V DC1
1A / 250V AC15	0,2A @ 110V DC1

Contacts

Materials	code 1 (standard)
Max. switching current	5 A
Peak inrush current (10 ms)	15 A
Max. switching voltage, (pollution 3)	250 V
Max. AC resistive load (Table 22)	0,7 KVA
Max. DC load	See Table 23



Standard types (50/60 Hz and DC)

AC 24, 48, 115 (110 ... 120), 230

C9-R21 / ... V

DC 12, 24, 48, 60

(two windings) **C9-R21 / ... V**

Note: All AC and DC coils withstand permanent connection

Specifications

ON pulse power	1,2 VA/ W
OFF pulse power	0,6 VA/ W
Min. pulse length for ON/OFF control	50 ms.
Isolation: EN60947 pollution 3, Gr C	250V
Dielectric strength, contacts / coil	2,5 KV
Dielectric strength, pole / pole	2,5 KV
Weight avg.	43 grs.



Dimensions (mm)

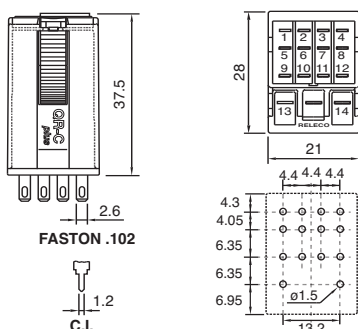


Table 22 Electrical life (ops x 10⁶)
Types C9-A41, C9-E21, C9-R21

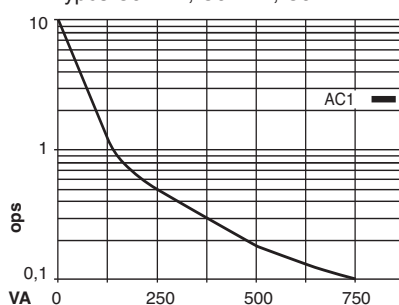


Table 23 Max. DC load
Types C9-A41, C9-E21, C9-R21

