



## QRC 14 PIN MINIATURE STANDARD/ SENSITIVE COIL / LATCHING

- Lockable test button
- Marking label on relay
- 2 window mechanical flag (not available on C9-E21)
- Colour coded test button
- Coil voltage marked on top of relay
- Label carries full technical information
- CE marked

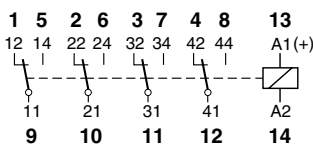


### C9-A41... General purpose Four change-over contacts, 5 A

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

#### Contacts

Materials code 1 (standard); options: 2 - 8  
Max. switching current 5 A  
Peak inrush current (20 ms) 15 A  
Max. switching voltage 250 V  
Max. Voltage between adjacent cables 150 V  
Max. AC resistive load (Table 22) 1200 VA  
Max. DC load See Table 23



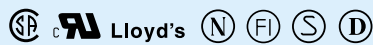
#### Standard types (50/60 Hz and DC)

AC 24, 48, 115 (110 ... 120), 230  
X = LED (optional)      C9-A41 X/ ... V

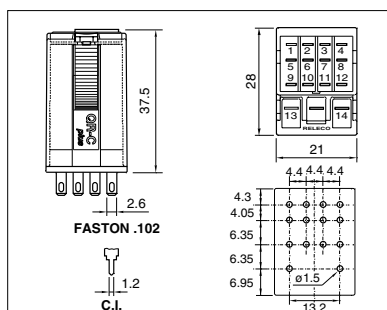
DC 12, 24, 48, 110, 120/125, 220  
X = LED (optional)      C9-A41 X/ ... V  
Free wheeling diode      C9-A41D X/ ... V  
Free wheeling and polarity      C9-A41F X/ ... V  
AC/DC rectifier (60V max.)      C9-A41B X/ ... V

#### Specifications

Nominal coil power: 1,5 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 1 KV  
Weight avg. 43 grs.



#### Dimensions (mm)

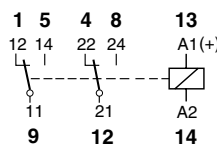


### C9-E21... Sensitive, 500 mW Two change-over contacts, 3 A

Operating range: 0,8 ... 1,7 x Un  
3A/250V AC1      3A @ 30V DC1

#### Contacts

Materials code 1 (standard); options: 2 - 9  
Max. switching current 3 A  
Peak inrush current (10 ms) 15 A  
Max. switching voltage, (pollution 3) 250 V  
Max. AC resistive load 0,7 KVA  
Max. DC load 3 A @ 30V  
0.2 A @ 110 V



#### Standard types (50/60 Hz and DC)

AC 24, 48, 115 (110 ... 120), 230  
X = LED (optional)      C9-E21 X/ ... V

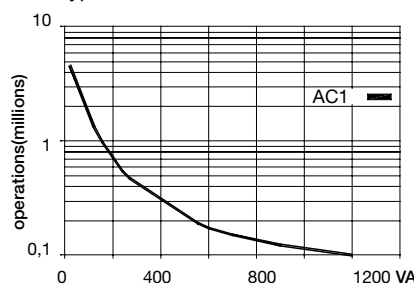
DC 12, 24, 48, 110, 120/125, 220  
X = LED (optional)      C9-E21 X/ ... V  
Free wheeling diode      C9-E21D X/ ... V  
Free wheeling and polarity      C9-E21F X/ ... V  
AC/DC rectifier (60V max.)      C9-E21B X/ ... V

#### 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

#### Lloyd's

Table 22 Electrical life (ops x 10<sup>6</sup>)  
Types C9-A41

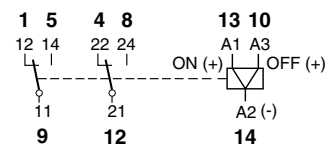


### C9-R21... Latching Two change-over contacts, 3 A

3A/250V AC1      3A @ 30V DC1  
1A/250V AC15      0,2A @ 110V DC1

#### Contacts

Materials code 1 (standard)  
Max. switching current 3 A  
Peak inrush current (10 ms) 15 A  
Max. switching voltage, (pollution 3) 250 V  
Max. AC resistive load 0,7 KVA  
Max. DC load 3 A @ 30V  
0.2 A @ 110 V



#### Standard types (50/60 Hz and DC)

AC 24, 48, 115 (110 ... 120), 230  
C9-R20 / ... V

DC 12, 24, 48, 60  
(two windings)      C9-R20 / ... V

Note: All AC and DC coils withstand permanent connection

#### Specifications

ON pulse power 1,2 VA/ W  
OFF pulse power 0,3 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.

Table 23 Max. DC load  
Types C9-A41

