



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

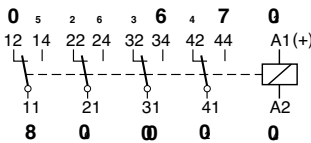


C9-A41... General purpose Four change-over contacts, 5 A

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 6) 1200 VA
Max. DC load See Table 7



Standard types (50/60 Hz and DC)

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

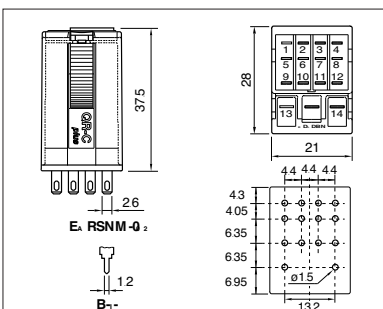
DC 12, 24, 48, 110, 120/125, 220
X = LED (optional) C9-A41 X/ ... V
Free wheeling diode C9-A41D X/ ... V
Free wheeling and polarity C9-A41F X/ ... V
AC/DC rectifier (60V max.) C9-A41B X/ ... V

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)

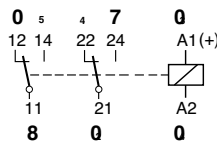


C9-E21... Sensitive, 500 mW Two change-over contacts, 3 A

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

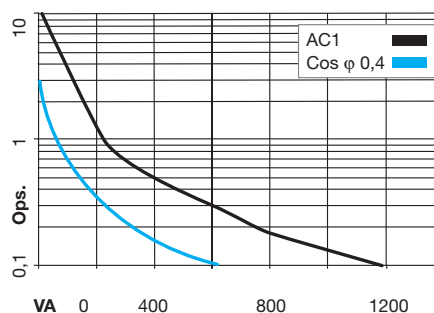
DC 12, 24, 48, 110, 120/125, 220
X = LED (optional) C9-E21 X/ ... V
Free wheeling diode C9-E21D X/ ... V
Free wheeling and polarity C9-E21F X/ ... V
AC/DC rectifier (60V max.) C9-E21B X/ ... V

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 6 Electrical life (ops x 10⁶)
Types C9-A41

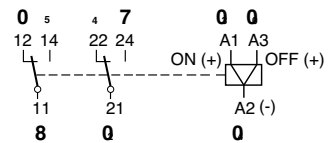


C9-R21... Latching Two change-over contacts, 3 A

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-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 0,3 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 7 Max. DC load
Types C9-A41

