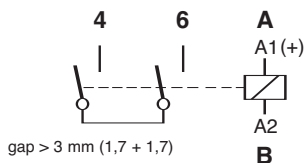


C5-X10... Power relay, DC Single pole, NO, double make

16A / 500V AC1 1,2A @ 220V DC1
7A @ 110V DC1 0,3A @ 220V DC13

Contacts

Materials code 0 (standard)
Max. switching current 16 A
Peak inrush current (20 ms) 40 A
Max. switching voltage, (pollution 3) 500 V
Max. AC load (Table 12, pag.12) 4 KVA
Max. DC load See Table 15



Standard types (50/60 Hz and DC)

AC 24, 48, 115 (110 ... 120), 230, 400
X = LED C5-X10 X/ ... V
RC suppressor C5-X10R / ... V

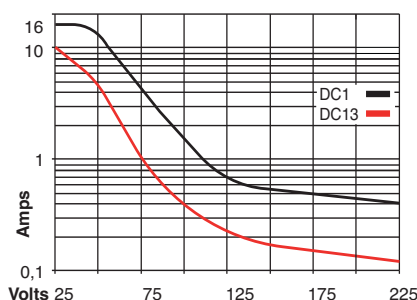
DC 12, 24, 48, 110, 120/125, 220
X = LED C5-X10 X/ ... V
Free wheeling diode C5-X10D X/ ... V
Free wheeling and polarity C5-X10F X/ ... V
AC/DC rectifier (60V max.) C5-X20B X/ ... V

Specifications

Nominal coil power: 2,4 VA (AC), 1,3 W (DC)
Operate time 20 ms.
Release time 10 ms.
Isolation: EN60947 pollution 3, Gr C 500V
Dielectric strength, contacts / coil 4 KV
Weight avg. 90 grs.



Table 14 Max. DC load
Type C5-G30

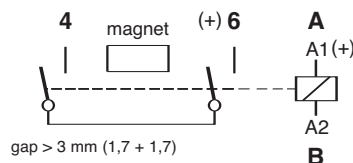


C5-M10... Power relay, DC SP double make. Magnetic blow out

16A / 500V AC1 10A @ 220V DC1
3,6A @ 110V DC13 2A @ 220V DC13

Contacts

Materials code 0 (standard)
Max. switching current 16 A
Peak inrush current (20 ms) 40 A
Max. switching voltage, (pollution 3) 500 V
Max. AC load (Table 12, pag. 12) 4 KVA
Electrical life, DC See Tables 6 and 7, pag. 9



Standard types (50/60 Hz and DC)

AC 24, 48, 115 (110 ... 120), 230, 400
X = LED C5-M10 X/ ... V
RC suppressor C5-M10R / ... V

DC 12, 24, 48, 110, 120/125, 220
X = LED C5-M10 X/ ... V
Free wheeling diode C5-M10D X/ ... V
Free wheeling and polarity C5-M10F X/ ... V
AC/DC rectifier (60V max.) C5-M20B X/ ... V

Specifications

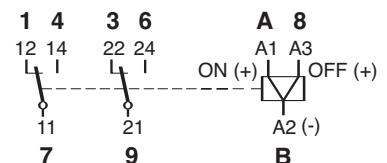
Nominal coil power: 2,4 VA (AC), 1,3 W (DC)
Operate time 20 ms.
Release time 10 ms.
Isolation: EN60947 pollution 3, Gr C 500V
Dielectric strength, contacts / coil 4 KV
Weight avg. 90 grs.

C5-R20... Latching relay Two change-over contacts, 10 A

10A / 500V AC1 10A @ 30V DC1
6A / 500V AC15 0,5A @ 110V DC1

Contacts

Materials code 0 (standard)
Max. switching current 10 A
Peak inrush current (20 ms) 30 A
Max. switching voltage, (pollution 3) 500 V
Max. AC load (Table 1, pag. 7) 2,5 KVA
Max. DC load See Table 2, pag. 7



Standard types (50/60 Hz and DC)

AC 24, 48, 115 (110 ... 120), 230
C5-R20 / ... V

DC 12, 24, 48, 110, 125
(two windings) C5-R20 / ... V

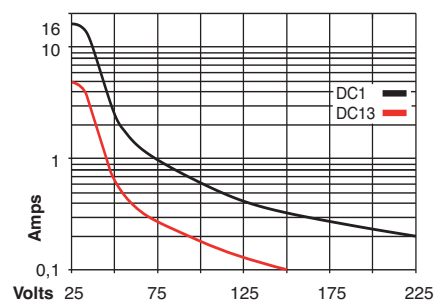
Note: All AC and DC coils withstand permanent connection.

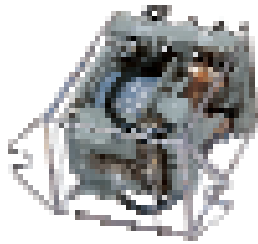
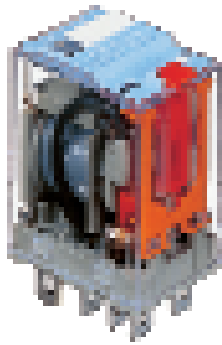
Specifications

ON pulse power 1,5 VA/ W
OFF pulse power 0,5 VA/ W
Min. pulse length for ON/OFF control 50 ms.
Isolation: EN60947 pollution 3, Gr C 500V
Dielectric strength, contacts / coil 4 KV
Dielectric strength, pole / pole 4 KV



Table 16 Max. DC load
Type C7-A10



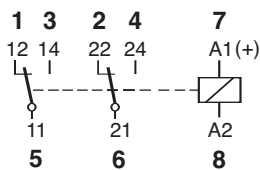


C7-A20... General purpose Two change-over contacts, 10 A

10A / 250V AC1 10A @ 30V DC1
6A / 250V AC15 0,5A @ 110V DC1

Contacts

Materials code **0** (standard); options: 8 - 9
Max. switching current 10 A
Peak inrush current (20 ms) 30 A
Max. switching voltage, (pollution 3) 250 V
Max. switching voltage, (pollution 2) 400 V
Max. AC load (Table 17) 2,5 KVA
Max. DC load See Table 2, pag. 7



Standard types (50/60 Hz and DC)

AC 24, 48, 115 (110 ... 120), **230**
X = LED **C7-A20** X/ ... V

DC 12, 24, 48, 110, 120/125, 220
X = LED **C7-A20** X/ ... V
Free wheeling diode **C7-A20D** X/ ... V
Free wheeling and polarity **C7-A20F** X/ ... V
AC/DC rectifier (60V max.) **C7-A20B** X/ ... V

Specifications

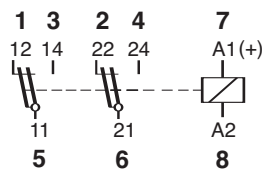
Nominal coil power: 1,2 VA (AC), 1 W (DC)
Operate time 16 ms.
Release time 8 ms.
Isolation: EN60947 pollution 3, Gr C 250V
Dielectric strength, contacts / coil 2,5 KV
Dielectric strength, pole / pole 2,5 KV
Weight avg. 43 grs.

C7-T21... Low level Two change-over, bifurcated contacts

6A / 250V AC1 6A @ 30V DC1
Min. 1mA @ DC 5V

Contacts

Materials code **1** (standard); option: 2
Switching current: min. 1 mA; max. 6 A
Peak inrush current (5 ms) 15 A
Max. switching voltage, (pollution 3) 250 V
Max. switching voltage, (pollution 2) 400 V
Max. AC load (Table 3, pag. 8) 1,2 KVA
Max. DC load See Table 18



Standard types (50/60 Hz and DC)

AC 24, 48, 115 (110 ... 120), **230**
X = LED **C7-T21** X/ ... V

DC 12, 24, 48, 110, 120/125, 220
X = LED **C7-T21** X/ ... V
Free wheeling diode **C7-T21D** X/ ... V
Free wheeling and polarity **C7-T21F** X/ ... V
AC/DC rectifier (60V max.) **C7-T21B** X/ ... V

Specifications

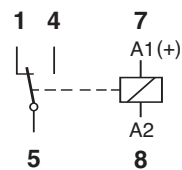
Nominal coil power: 1,2 VA (AC), 1 W (DC)
Operate time 16 ms.
Release time 8 ms.
Isolation: EN60947 pollution 3, Gr C 250V
Dielectric strength, contacts / coil 2,5 KV
Dielectric strength, pole / pole 2,5 KV
Weight avg. 43 grs.

C7-A10...* General purpose One change-over contact, 16 A

16A / 250V AC1 16A @ 30V DC1
8A / 250V AC15 0,5A @ 110V DC1

Contacts

Materials code **0** (standard)
Max. switching current 16 A
Peak inrush current (20 ms) 40 A
Max. switching voltage, (pollution 3) 250 V
Max. switching voltage, (pollution 2) 400 V
Max. AC load 4 KVA
Max. DC load See Table 16, pag. 13



Standard types (50/60 Hz and DC)

AC 24, 48, 115 (110 ... 120), **230**
X = LED **C7-A10** X/ ... V

DC 12, 24, 48, 110, 120/125
X = LED **C7-A10** X/ ... V
Free wheeling diode **C7-A10D** X/ ... V
Free wheeling and polarity **C7-A10F** X/ ... V
AC/DC rectifier (60V max.) **C7-A10B** X/ ... V

Specifications

Nominal coil power: 1,2 VA (AC), 1,3 W (DC)
Operate time 16 ms.
Release time 8 ms.
Isolation: EN60947 pollution 3, Gr C 250V
Dielectric strength, contacts / coil 2,5 KV
Weight avg. 43 grs.
* Plug only in S7-16 socket



Dimensions (mm)

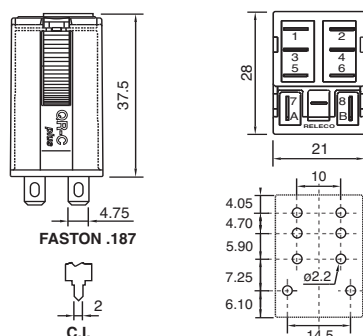


Table 17 Electrical life (ops x 10⁶)
Types C7-A20, C7-G20, C7-X, C7-W

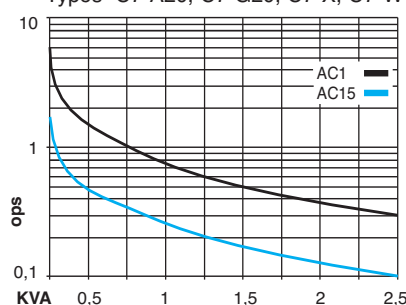


Table 18 Max. DC load
Types C2-T21, C3-T31, C7-T21

