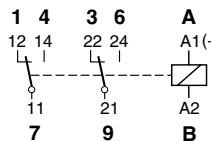


**C5-A20...** General purpose  
Two change-over contacts, 16 A

16A / 500V AC1      16A @ 30V DC1  
8A / 500V AC15      0,5A @ 110V DC1

**Contacts**

Materials code **0** (standard); options: 8 - 9  
Max. switching current 16 A  
Peak inrush current (20 ms) 40 A  
Max. switching voltage, (pollution 3) 500  
Max. AC load (Table 12) 4 KVA  
Max. DC load See Table 13



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

**AC 24, 48, 115** (110 ... 120), **230, 400**  
X = LED (optional) **C5-A20** X/ ... V  
RC suppressor **C5-A20R** / ... V

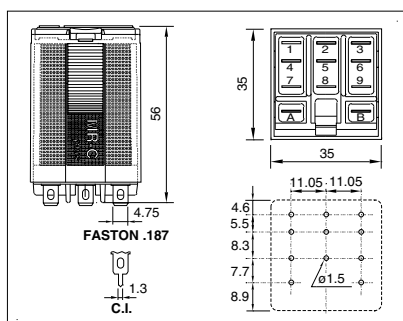
**DC 12, 24, 48, 110, 120/125, 220**  
X = LED (optional) **C5-A20** X/ ... V  
Free wheeling diode **C5-A20D** X/ ... V  
Free wheeling and polarity **C5-A20F** X/ ... V  
**AC/DC** rectifier (60V max.) **C5-A20B** X/ ... V

**Specifications**

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



**Dimensions** (mm)

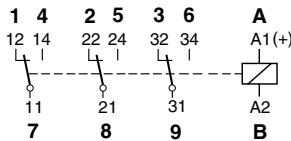


**C5-A30...** General purpose  
Three change-over contacts, 16 A

16A / 500V AC1      16A @ 30V DC1  
8A / 500V AC15      0,5A @ 110V DC1

**Contacts**

Materials code **0** (standard); options: 8 - 9  
Max. switching current 16 A  
Peak inrush current (20 ms) 40 A  
Max. switching voltage, (pollution 3) 500  
Max. AC load (Table 12) 4 KVA  
Max. DC load See Table 13



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

**AC 24, 48, 115** (110 ... 120), **230, 400**  
X = LED (optional) **C5-A30** X/ ... V  
RC suppressor **C5-A30R** / ... V

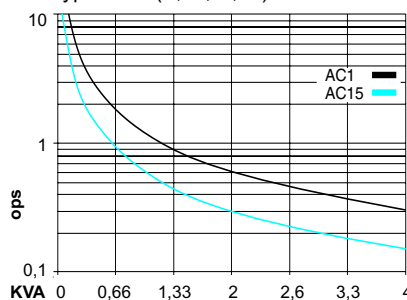
**DC 12, 24, 48, 110, 120/125, 220**  
X = LED (optional) **C5-A30** X/ ... V  
Free wheeling diode **C5-A30D** X/ ... V  
Free wheeling and polarity **C5-A30F** X/ ... V  
**AC/DC** rectifier (60V max.) **C5-A30B** X/ ... V

**Specifications**

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



**Table 12** Electrical life (ops x 10<sup>6</sup>)  
Types C5- (A, G, X, M)

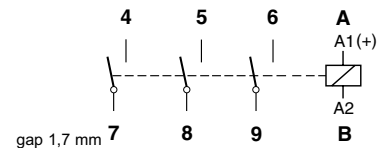


**C5-G30...** General purpose, DC  
Three open contacts

16A / 500V AC1      0,3A @ 110V DC13  
1,2A @ 110V DC1      0,4A @ 220V DC1

**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) 4 KVA  
Max. DC load See Table 14, pag. 13



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

**AC 24, 48, 115** (110 ... 120), **230, 400**  
X = LED (optional) **C5-G30** X/ ... V  
RC suppressor **C5-G30R** / ... V

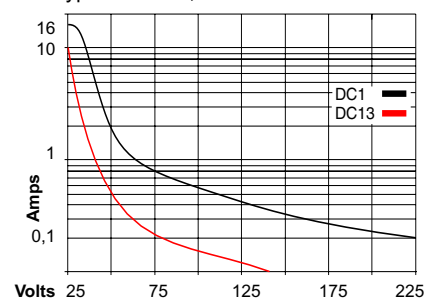
**DC 12, 24, 48, 110, 120/125, 220**  
X = LED (optional) **C5-G30** X/ ... V  
Free wheeling diode **C5-G30D** X/ ... V  
Free wheeling and polarity **C5-G30F** X/ ... V  
**AC/DC** rectifier (60V max.) **C5-G30B** X/ ... V

**Specifications**

Nominal coil power: 2,4 VA (AC), 1,6 W (DC)  
Operate time 20 ms.  
Release time 10 ms.  
Isolation: EN60947 pollution 3, Gr C 500 V  
Dielectric strength, contacts / coil 4 KV  
Dielectric strength, pole / pole 4 KV



**Table 13** Max. DC load  
Types C5-A20, C5-A30



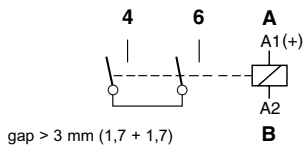


## C5-X10... Power relay, DC Single pole, NO, double make

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



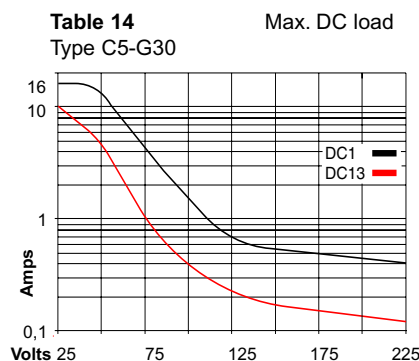
### Standard types (50/60 Hz and DC)

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

**DC 12, 24, 48, 110, 120/125, 220**  
X = LED (optional) **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.

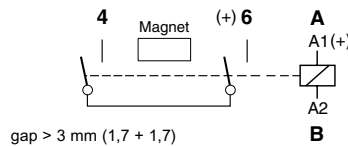


## C5-M10... Power relay, DC SP double make. Magnetic blow out

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 (optional) **C5-M10** X/ ... V  
RC suppressor **C5-M10R** / ... V

**DC 12, 24, 48, 110, 120/125, 220**  
X = LED (optional) **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.

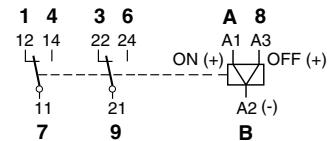


## C5-R20... Latching relay Two change-over contacts, 10 A

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

