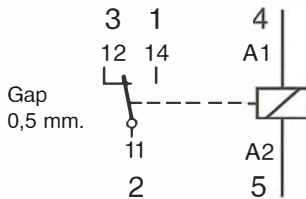


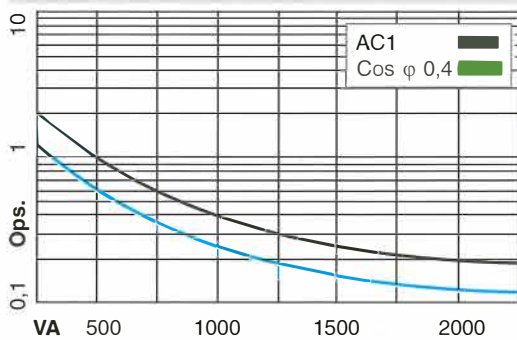
# C14-A10

One pole, changeover contact

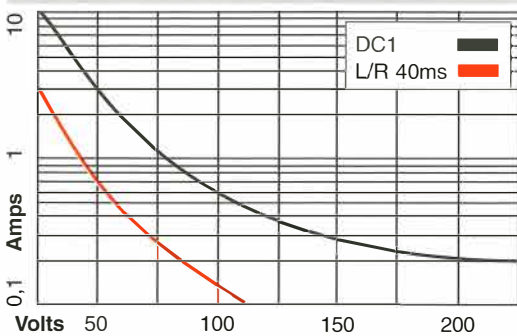
**10A 250V AC1      0,5A 110V DC1**  
**10A 30V DC1      0,2A 220V DC1**



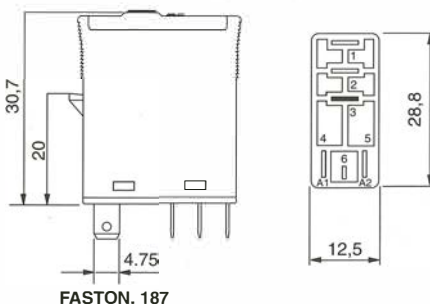
**Table 1** Electrical life, ops x 10<sup>6</sup>



**Table 2** Max. DC load



**Dimensions** mm.



**Contacts**

Materials : Standard, code **0** AgNi  
 Optional, code **8** AgNi + 10μ Au  
 Max. switching current 10A  
 Max. peak inrush current (20 ms.) 30A  
 Max. switching voltage 250 V  
 Max. AC load (Table 1) 2,5 KVA  
 Max. DC load See Table 2

**Coils** (Ohms ± 10% @ 20°C)

Pull-in voltage ≤ 0,8 x Un  
 Drop-out voltage ≥ 0,1 x Un  
 Nominal coil power 1,1 VA (AC) / 0,7 W (DC)

Vac	Ω	mA	Vdc	Ω	mA
24	290	45	12	224	53
48	1.200	23	24	742	32
115	7.300	9,5	48	3.500	13,7
230	28.800	4,7	110	19.900	5,5

**Insulation**

Dielectric strength (1 minute):  
 Open contacts 1.000 V  
 Between contacts and coil 5 KV  
 Isolation resistance at 500V >3GΩ  
 Isolation, IEC 61810-5: 4 KV / 3

**Specifications**

Operate time + bounce time 10 ms.  
 Release time + bounce time 8 ms.  
 Ambient temperature -40°C (no ice) ... +70°C  
 Mechanical life ops. 10 Mio. AC, 20 Mio. DC relays  
 Electrical life at nominal load >100.000 ops.  
 Operating frequency at nominal load 1.200 / hour  
 Protection grade IP40 / RT1  
 Weight avg. 21 gr.

**Standard types**

AC 50 Hz, (60 Hz): **24, 48, 115, (120), 230, (240)**  
 DC 12, 24, 48, 110  
 C14-A10 ..... Vac  
 C14-A10 ..... Vdc

The small size of type C14 ... does not allow to carry LED nor mechanical indication, nor testing button.



IEC 61810 EN 60947



**Kühn Controls AG**

**Notes:**

You want more information about this product, please call us: tel: +49 (0)7082-940000 or send us a fax: +49 (0)7082-940001, or email: [sales@kuehn-controls.de](mailto:sales@kuehn-controls.de) or visit our Website: [www.kuehn-controls.de](http://www.kuehn-controls.de)