RELECO by TURCK



Relay compatible with sockets:

S4-B, S4-L, S4-P, S4-PO

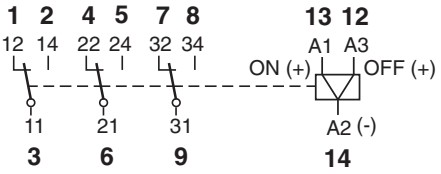


Table 1 Electrical Life, ops. x 10^6

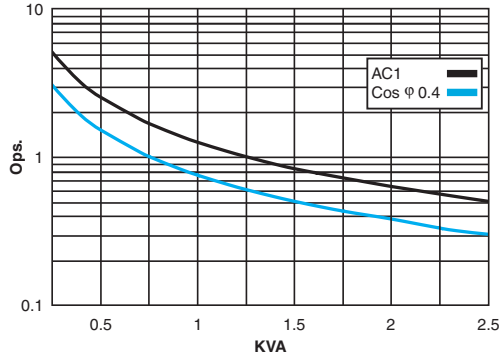
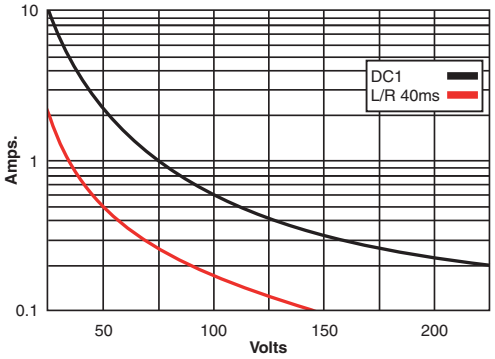
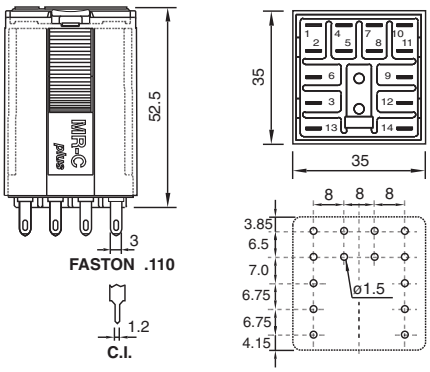


Table 2 Max. DC Load



Dimensions - mm



C4-R30

Magnetic latching relay
Three change-over contacts, 10 A

10 A 250 V AC1 0.5 A 110 V DC1
10 A 10 V DC1 0.2 A 220 V DC1

Contacts

Materials:	Standard, code 0	AgNi
	Optional, code 8	AgNi + 10µAu
	Optional, code 9	AgNi + 0.2µ Au
Max. switching current		10 A
Max. peak inrush current (20 ms)		30 A
Max. switching voltage		250 V
Max. AC load (Table 1)		2.5 KVA
Max. DC load (Table 2)		

Coils

ON pulse power	1.5 VA / W
OFF pulse power	0.5 VA / W

One winding for AC, Two windings for DC

VAC	ON mA	OFF mA	VDC	ON mA	OFF mA
24	75	12	12	125	41
48	38	6	24	63	21
115	16	2.5	48	31	10
230	8	1.3	110	14	4.5

Insulation

Dielectric strength (1 minute): Open contacts	1,000 V
Between adjacent poles	2.5 KV
Between contacts and coil	2.5 KV
Isolation resistance at 500 V	≥1 GΩ
Isolation, IEC 61810-5:	2.5 KV / 3

Specifications

Minimun, pulse length for ON / OFF	50 ms
Ambient temperature	-40°C (no ice) to +70°C
Mechanical life ops.	10 Mill. AC, 20 Mill. DC relays
Electrical life at nominal load	≥100,000 ops.
Operating frequency at nominal load	1,200/hour
Protection degree	IP 40/RT1
Weight avg.	95 g

Standard Types

AC 50 Hz, (60 Hz)**: 24, 48, 115,** (120)**, 230,** (240)
C4-R30 .....VAC

DC 12, 24, 48, 110
C4-R30 ..... VDC

RoHS compliant IEC 61810