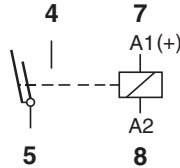


Relay compatible with sockets:

S7-M, S7-L, S7-P, S7-PO, S7-I/O



C7-W10



High inrush current
Single pole, wolfram and silver contacts

10 A 250 V AC 250 V AC5a/b

Contacts

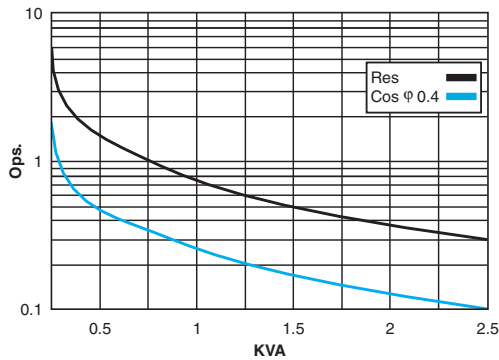
Materials:	Standard, code 0	AgNi
Max. switching current		10 A
Max. peak inrush current (2.5 ms)		500 A
Max. switching voltage		250 V
Max. AC load (Table 1)		2.5 KVA
Max. DC load (Table 2)		

Coils (Ohms ±10% @ 20°C)

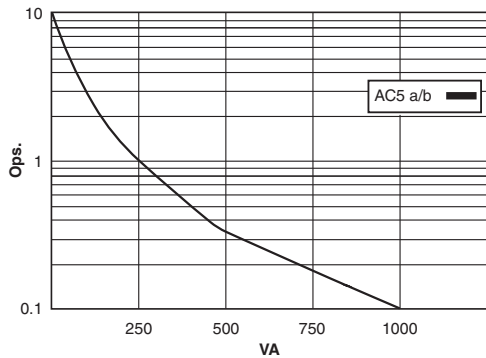
Pull-in voltage	≤0.8 × U _n
Drop-out voltage	≥0.1 × U _n
Nominal coil power	1.5 VA (AC)/1.5 W (DC)

VAC	Ω	mA	VDC	Ω	mA
24	153	62	12	99	121
48	611	31	24	388	61
115	3K6	13	48	1K5	32
230	14K6	4.5	110	8K	14

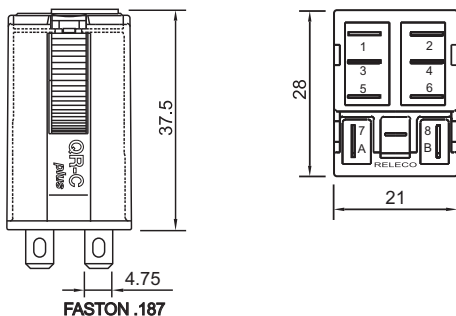
Table 1 Electrical Life, ops. x 10⁶



t Max. DC Load



Dimensions - mm



Insulation

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

Specifications

Operate time + bounce time	20 ms
Release time + bounce time	10 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.	43 g

Standard Types

AC 50 Hz, (60 Hz): 24, 48, 115, (120), 230, (240)
X = LED (standard) C7-W10X.....VAC

DC 12, 24, 48, 110
X = LED, no polarity (standard) C7-W10X..... VDC
Free-wheeling diode C7-W10DX ... VDC
Polarity and free-wheeling diodes C7-W10FX.... VDC
AC/DC bridge rectifier (24, 48 or 60 V) C7-W10BX ... VDC