

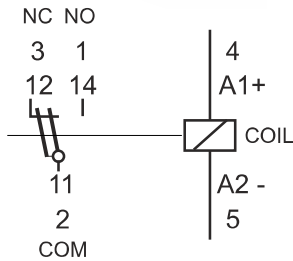


P1-T



One Pole, Change-Over Twin Contact

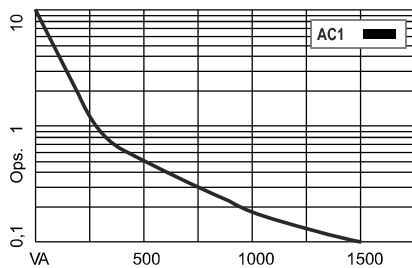
6A 250V AC1 0.5A 110V DC1
6A 30V DC1 0.2A 220V DC1



Contacts

Materials: Standard
Optional, code 1 AgNi + Au 0.2μ
Optional, code 2 AgNi + Au 5.0μ
Max. switching current 6 A
Max. Peak inrush current (20 ms.) 15 A
Max. Switching voltage 250 V
Max. AC load (Graph 4) * 1.5 KVA
Max. DC load See Graph 5 *

Graph 4 Electrical life, ops x 10⁶

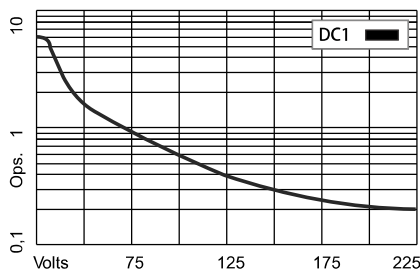


Coils (Ohms ± 10% @ 20°C)

Pull-in voltage $\leq 0.8 \times U_n$
Drop-out voltage $\geq 0.1 \times U_n$
Nominal Coil Power 1.1 VA (AC) / 0.7 W (DC)

VAC	Ω	mA	VDC	Ω	mA
24	290	45.0	12	224	53.0
48	1200	23.0	24	742	32.0
115	7,300	9.5	48	3,500	13.7
230	28,800	4.7	110	19,900	5.5

Graph 5 Max. DC load



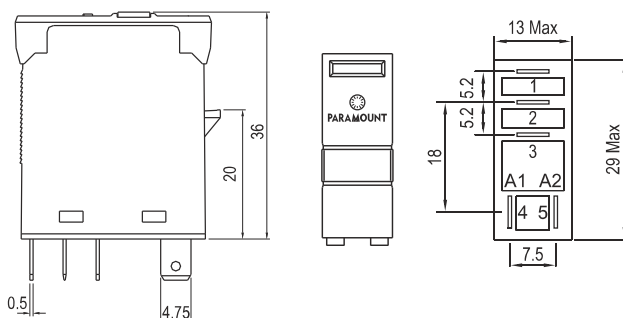
Insulation

Dielectric strength (1 minute):
Open contacts 1 KV
Between Contacts & Coil 5 KV
Insulation resistance at 500VDC >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 Million AC, 20 Million DC relays
Electrical life at nominal load > 100,000 ops.
Operating frequency at nominal load 1,200 / hour
Protection Grade IP40 / RT1
Weight Approx. 21 gms.

Dimensions in mm.



Standard types

AC 50 Hz : 24, 48, 115, 230
F = Mechanical Flag Indicator
P = LED
R = R/C (Snubber Circuit) (115/230)
DC 6, 12, 24, 48, 110
F = Mechanical Flag Indicator
P = LED
W = Free-Wheeling Diodes
Z = Polarity & Free-Wheeling Diodes
B = AC/DC Bridge Rectifier (24/48V)

P1-T-F VAC
P1-T-FP VAC
P1-T-FPR VAC

P1-T-F VDC
P1-T-FP VDC
P1-T-FPW.... VDC
P1-T-FPZ VDC
P1-T-FPB VDC

Suitable Sockets : S10K, S1D, S1LD, S1HD, S1P

Approvals

