

P2-A

Two Pole, Normally Open Contact
6A 250V AC1 0.8A 110V DC1
6A 30V DC1 0.4A 220V DC1

Contacts

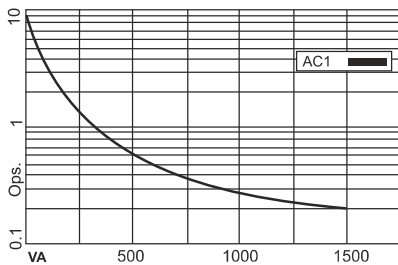
Materials: Standard, AgNi
 Optional, code 1 AgNi + 0.2μ Au
 Optional, code 2 AgNi + 5.0μ Au
 Max. switching current 6 A
 Max. Peak inrush current (20 ms.) 15 A
 Max. Switching voltage 250 V
 Max. AC load (Table 1) 1.5 KVA
 Max. DC load See Table 3

Coils (Ohms ± 10% @ 20°C)

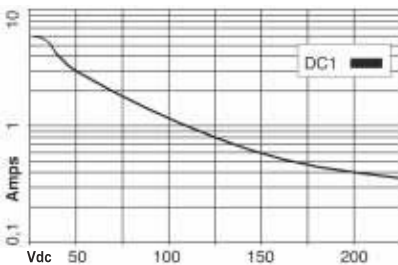
Pull-in voltage ≤ 0.8 x Un
 Drop-out voltage ≥ 0.1 x Un
 Nominal coil power 1.1 VA (AC) / 0.7 W (DC)

VAC	Ω	mA	VDC	Ω	mA
24	290	45.0	12	224	53.0
48	1.200	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 1 Electrical life, ops x 10⁶



Graph 3 Max. DC load



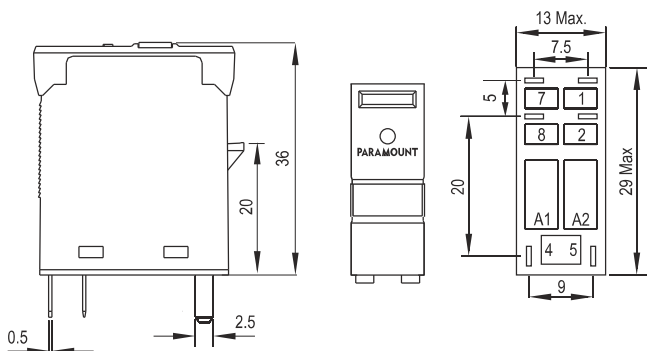
Insulation

Dielectric strength (1 minute): Open contacts 1.000 V
 Between adjacent poles 3.000 V
 Between contacts & coil 5 KV
 Isolation 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 degree 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 = RC, (Snubber Circuit)

P2-A-F VAC

P2-A-FP VAC

P2-A-FPR VAC

DC: 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)

P2-A-F VDC

P2-A-FP VDC

P2-A-FPW VDC

P2-A-FPZ VAD

P2-A-FPB VAD

Suitable Sockets : S2D-A, S2LD-A, S2P

Approvals

