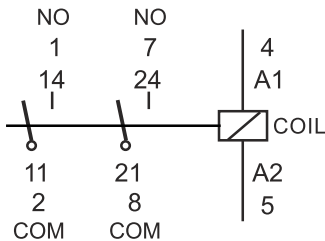




P2-A

Two Pole, Normally Open Contact

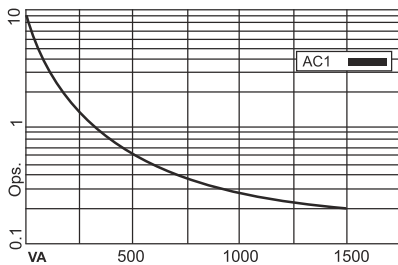
6A 250V AC1 0.8A 110V DC1
6A 30V DC1 0.4A 220V DC1



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

Graph 1 Electrical life, ops x 10⁶

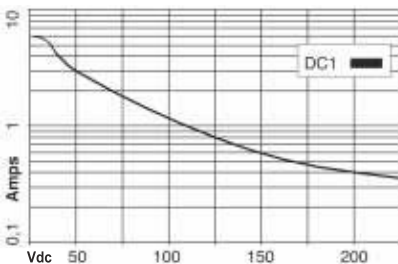


Coils (Ohms ± 10% @ 20°C)

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 3 Max. DC load



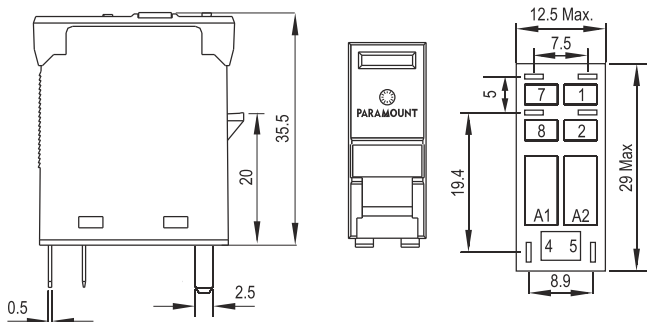
Insulation

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 : 12, 24, 115, 230		
F = Mechanical Flag Indicator	P2-F VAC
P = LED	P2-FP VAC
R = RC, (Snubber Circuit)	P2-FPR VAC
DC 6, 12, 24, 48, 110, 220		
F = Mechanical Flag Indicator	P2-F VDC
P = LED	P2-FP VDC
W = Free Wheeling Diode	P2-FPW VDC
Z = Polarity & Free-Wheeling Diodes	P2-FPZ VDC
I = Lockable & Manual Push Button	P2-FPZI VDC
B = AC/DC Bridge Rectifier (24/48V)	P2-FPB VDC

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

Approvals

