

P2...M



MAGNETIC BLOW OUT

Two Pole, Change-Over Contact

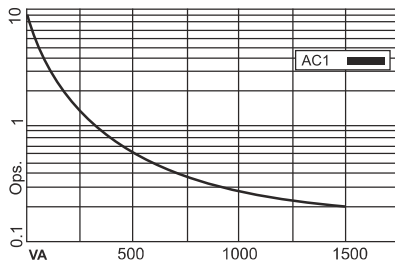
6A 250V AC1 1.25A 220V DC1

6A 30V DC1 0.30A 220V DC13

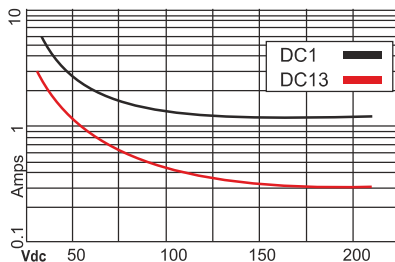
Contacts

Materials: Standard	AgNi
Max. switching current	6 A
Max. Peak inrush current (20 ms.)	30 A
Max. Switching voltage	250 V
Max. AC load (Graph 1)*	1.5 KVA
Max. DC load	See Graph 4*

Graph 1 Electrical life, ops x 10⁶



Graph 4 Max. DC load



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

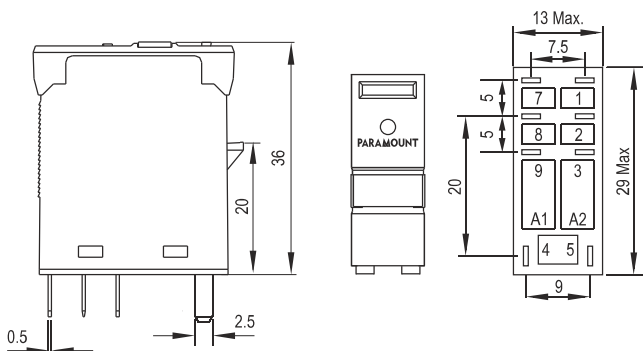
Insulation

Dielectric strength (1 minute):	
Open Contacts	1 KV
Between Adjacent Poles	3 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 : 24, 48, 115, 230

M = Magnetic Blow Out

F = Mechanical Flag Indicator

P = LED

P2-FM VAC

P2-FPM VAC

DC : 12, 24, 48, 110

F = Mechanical Flag Indicator

P = LED

W = Free Wheeling Diode

Z = Polarity & Free Wheeling Diode

P2-FM VDC

P2-FPM VDC

P2-FPWM VDC

P2-FPZM VDC

Suitable Sockets : S2D, S2LD, S2P

Approvals

