

P3-2A....M



Magnetic Blow Out 2 NO Contacts
10 A 250V AC1 10 A 220V DC1
10 A 30V DC1 5 A 220V DC13

Contacts

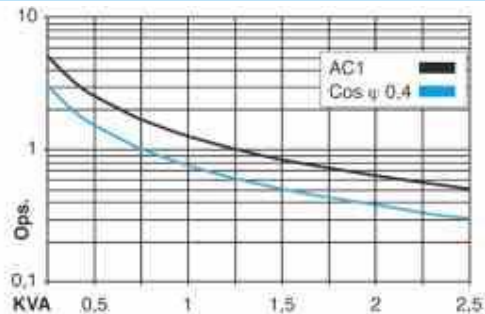
Materials : Standard AgNi
 Optional 1 AgNi + Au 0.2 μ
 Optional 2 AgNi + Au 5.0 μ

Max. Switching Current 10A
 Max. Peak Inrush Current (20 ms) 30A
 Max. Switching Voltage 250 VAC
 Switching Power range 0.3 VA (W) to 2500 VA
 Max. Contact Resistance 20m ?
 Max. AC Load (Table 1) 2.5 KVA

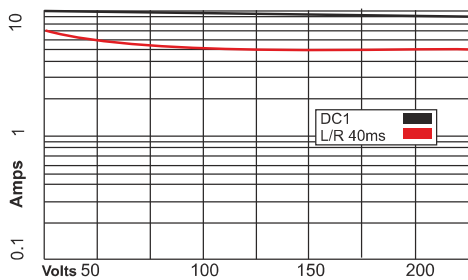
Coils (Ohms ± @ 20°C)

Pull-in Voltage ≥ 0.8xUn
 Drop-out Voltage ≥ 0.1xUn

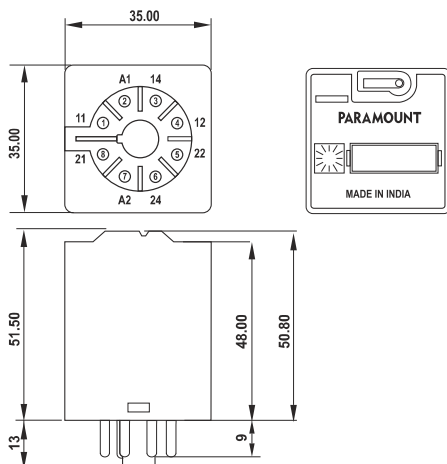
Graph 1 Electrical life, ops x 10⁶



Graph 2 Max. DC load



Dimensions in mm.



Nominal Coil Power

1.6 VA (AC) / 1.3 W (DC)

VAC	Ohms	VDC	Ohms
6	3.15	6	33
12	13.3	12	115
24	52	24	480
48	240	48	1850
110	1120	110	9000
230	5600	220	29000

Insulation

Dielectric Strength (1 minute) : open contacts 2000 VAC
 Between adjacent poles 2000 VAC
 Between contacts and coil 2500 VAC
 Insulation Resistance @ 500VDC Min. 200 M?
 Isolation, IEC 61810-5 2.5 KV / 3

Specifications

Operate / Release & Bounce Time Max. for DC 20+3 ms
 Operate / Release & Bounce Time Max. for AC 20+8 ms
 Mechanical Life ops. 10 Million AC, 20 Million DC relays
 Electrical life at Nominal load = 100,000 ops.
 Operating Frequency at nominal load 1200 / hour
 Shock Resistance AK : > 10g
 Vibration Resistance 5g 10.....150 Hz
 Mounting Direction any
 Storage -40°C to +85°C
 Ambient Operating Temperature -40°C to +55°C (for AC relay)
 Ambient Operating Temperature -40°C to +70°C (for DC relay)
 Protection Standard IP 40
 Weight app. 80 g

Standard Types

AC : 50Hz (60Hz) : 6, 12, 24, 48, 115, (120), 230, (240)
M = Magnetic Blow Out
P = LED Indicator (standard)
R = RC Circuit across the coil
B = AC / DC Bridge Rectifier (24 or 48 V)

P3-2A-PM VAC
P3-2A-PRBM VAC
P3-2A-PRBM VAC

DC : 6, 12, 24, 48, 110, 220
P = LED Indicator (standard)
Z = Polarity & Free Wheeling Diode
R = RC Circuit across the coil

P3-2A-PM VDC
P3-2A-PZM VDC
P3-2A-PZRM VDC

Suitable Sockets : S8D-YA, S8LD

Approvals

