

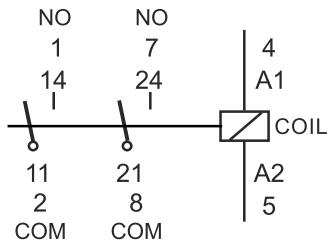


P2-A...H

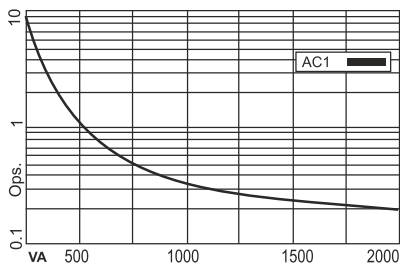
HEAVY RATING RELAY

Two Pole, Change-Over Contact

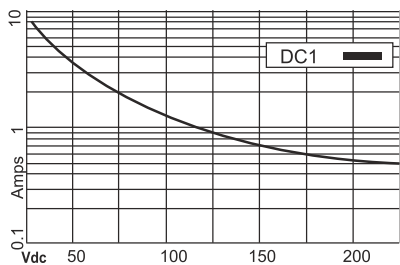
8A 250V AC1 1.0A 110V DC1
8A 30V DC1 0.5A 220V DC1



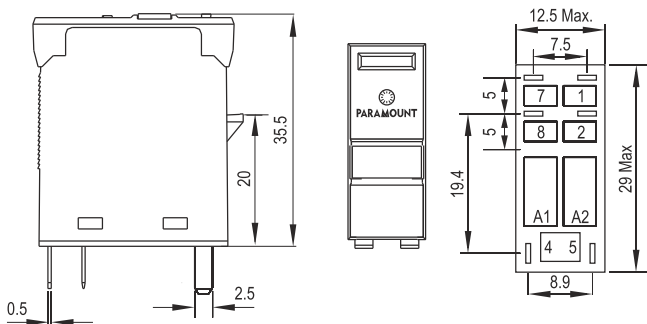
Graph 6 Electrical life, ops x 10⁶



Graph 8 Max. DC load



Dimensions in mm.



Contacts

Materials: Standard AgNi
Optional, code 1 AgNi + Au 0.2μ
Optional, code 2 AgNi + Au 5.0μ
Max. Switching current 8 A
Max. Peak inrush current (20 ms.) 30 A
Max. Switching voltage 250 V
Max. AC load (Graph 6) * 2.0 KVA
Max. DC load See Graph 8*

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 1.000 V
Between Adjacent poles 3.000 V
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.

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

