



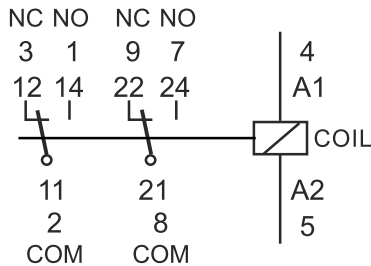
P2...H



HEAVY RATING RELAY

Two Pole, Change-Over Contact

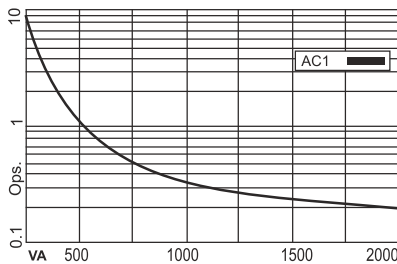
8A 250V AC1 0.5A 110V DC1
8A 30V DC1 0.2A 220V DC1



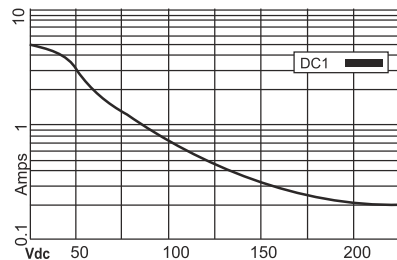
Contacts

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 7*

Graph 6 Electrical life, ops x 10⁶



Graph 7 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

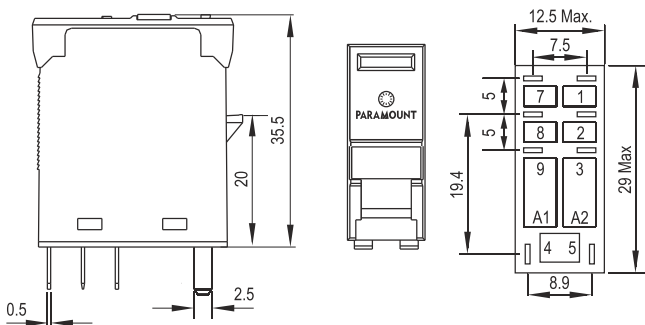
Insulation

Dielectric strength (1 minute):	
Open contacts	1.000 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.

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, S2LD, S2P

Approvals

