HCP2 Relay

1.COIL DATA

1-1.Nominal Voltage	5 VDC to 48 VDC
1-2.Coil Resistance	Refer to Table 1
1-3.Operate Voltage	Refer to Table 1
1-4.Release Voltage	Refer to Table 1
1-5.Nominal Power Consumption	400 mW

HCP2 Relay

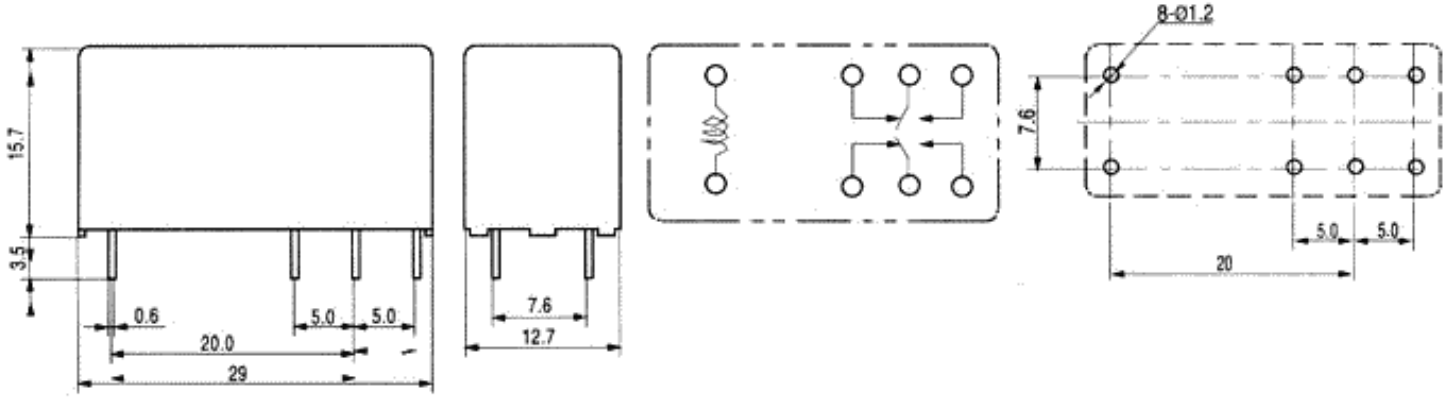
2.CONTACT DATA

2-1.Contact Arrangement		2 Form A , 2 Form C
2-2.Contact Material		AuCdo
2-3.Contact Rating		Resistive Load : 8A 250VAC / 30VDC Inductive Load : 4A 250VAC COS¦µ=0.4 TV-3
2-4.Max. Switching Voltage		300 VDC / 380 VAC
2-5.Max. Switching Current		8A
2-6.Max. Switching Power		2,000 VA , 240W
2-7.Min. Switching Load		100mA 5VDC
2-8.Contact Resistance (Initial)		100 m¦¸. at 6VDC 1A
2-9.Life Expectancy	Electrical	100,000 operations at nominal load 50,000 operations at Inductive load COS¦µ=0.4 , L/R=7ms
	Mechanical	20,000,000 operations

3.GENERAL DATA

3-1.Insulation Resistance	Min.100M¦¸ at 500 VDC
3-2.Dielectric Strength	1,000VAC , 1min between open contacts 5,000VAC , 1min between contacts and coil
3-3.Insulation category / Rated voltage	VDE 0110 C/250/B/400
3-4.Creepage/Clearance (coil-contact)	10mm / 10mm
3-5.Operate Time	Max. 10ms
3-6.Release Time	Max. 5ms
3-7.Temperature Range	-40 to +70 ¡æ
3-8.Shock Resistance	10G
3-9.Vibration Resistance	10 - 55 Hz , Amplitude 1.5mm
3-10.Weight	10 gr.
3-11.Safety Standard	Conform to VDE,SEV,SEMKO,DEMKO,IMQ,OVE,BSI,FI,cUL

4.DIMENSIONS (in mm)



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5.ORDERING CODE

HCP2	S	DC5V	A	¡¡

CONTACT ARRANGEMENT
A: 2 FORM A **C**:2 FORM C

NOMINAL VOLTAGE:
DC5V , DC6V , DC12V , DC24V , DC48V

ENCLOSURE
S ---- WASHABLE

TYPE

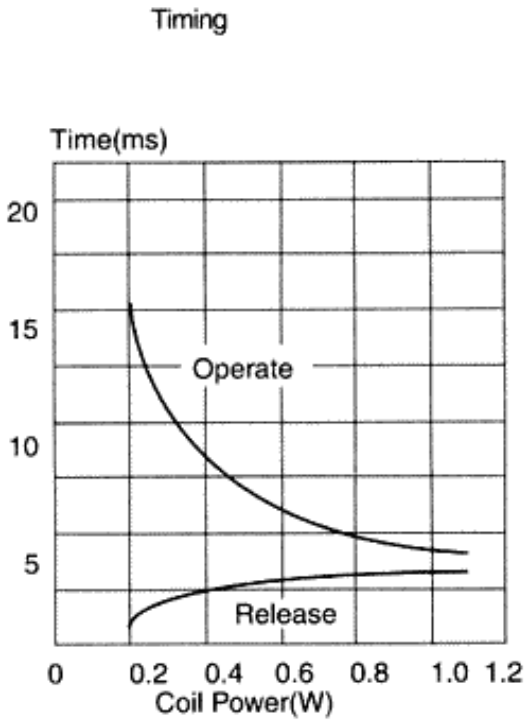
6.COIL DATA CHART

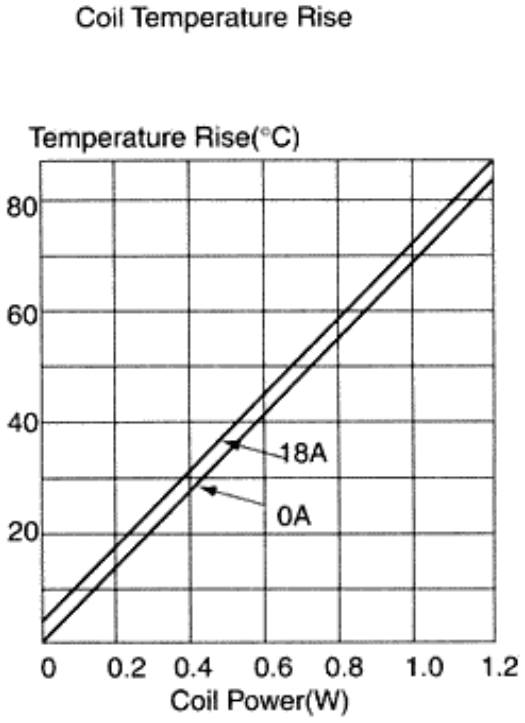
at 20¡æ

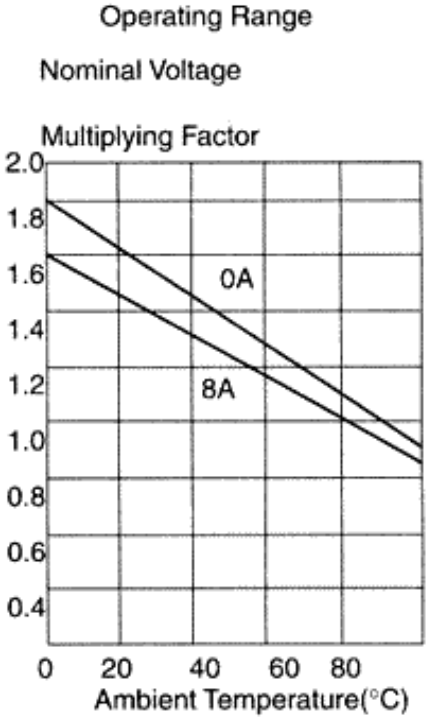
ORDERING CODE	COIL NOMINAL VDC	COIL RESISTANCE ¦ ¦ +/- 10%	OPERATE VOLTAGE VDC	RELEASE VOLTAGE VDC	COIL NOMINAL mW
HCP2-S DC5V	5	62	3.5	0.5	400
HCP2-S DC6V	6	90	4.2	0.6	
HCP2-S DC12V	12	360	8.2	1.2	
HCP2-S DC24V	24	1440	16.8	2.4	
HCP2-S DC48V	48	5760	33.6	4.8	

Table 1

7.HCP2 CHARACTERISTIC DATA







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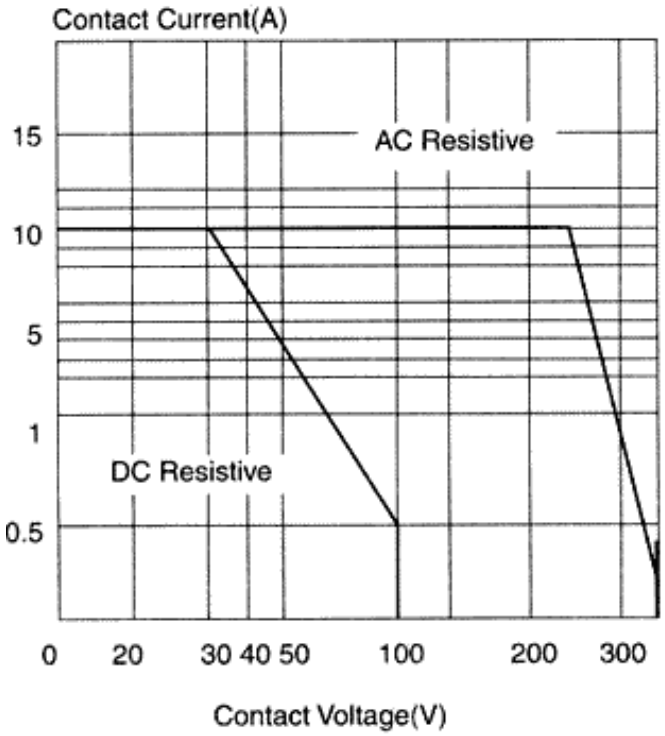
Maximum Switching Power



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Life Curve