

24.5×10.5×25

- UL TV-5 rating relay
- 1 form A contact arrangement
- Immersion cleanable,sealed version available
- Applications include appliance, HAVC, CTV, Monitor, emergency lighting
- Conform to RoHS,ELV directive

CONTACT DATA

Contact Form	1H
Contact Material	Silver Alloy
Load	Resistive load(COS Φ 1)
Contact Ratings	10A 250VAC/30VDC TV-5(5A@120VAC)
Minimum load	100mA 5VDC
Max Switching Voltage	250VAC/110VDC
Max Switching Current	10A
Max Switching Power	2500VA/300W
Contact Resistance	100m Ω Max at 6VDC 1A
Electrical	100, 000 Operations(at30Operations/minute)
Mechanical	10, 000, 000 Operations(at300Operations/minute)

CHARACTERISTICS DATA

Insulation Resistance	100M Ω Min at 500VDC
Between Open Contacts	900VAC(for one minute)
Between Contacts and Coil	4000VAC(for one minute)
Operate Time	15ms
Release Time	8ms
Temperature Range	-30℃to+70℃
Shock Resistance	Operating Extremes: 10G
	Damage Limits: 100G
Vibration Resistance	10-55Hz, 1.5mm
Max. switching frequency	Mechanical: 18,000operations/hr
	Electrical: 1,800operations/hr
Humidity	20-85%
Weight	Approx 11g

COIL DATA

at 20℃

Coil Power 0.25W

Nominal Voltage (VDC)	Rated Current (mA)	Max Operate Voltage (VDC)	Min Release Voltage (VDC)	Coil Resistance (Ω ±10%)
3	83	2.25	0.15	36
5	50	3.75	0.25	100
6	42	4.5	0.3	144
9	28	6.75	0.45	324
12	21	9	0.6	576
24	10	18	1.2	2304
48	5	36	2.4	9216

Coil Power 0.54W

Nominal Voltage (VDC)	Rated Current (mA)	Max Operate Voltage (VDC)	Min Release Voltage (VDC)	Coil Resistance (Ω ±10%)
3	180	2.4	0.15	17
5	108	4	0.25	46
6	90	4.8	0.3	67
9	60	7.2	0.45	150
12	45	9.6	0.6	270
24	22.5	19.2	1.2	1050
48	11.3	38.4	2.4	4250

APPROVED STANDARDS

UL & cUL	10A 250VAC 10A 30VDC TV-5 5A 120VAC
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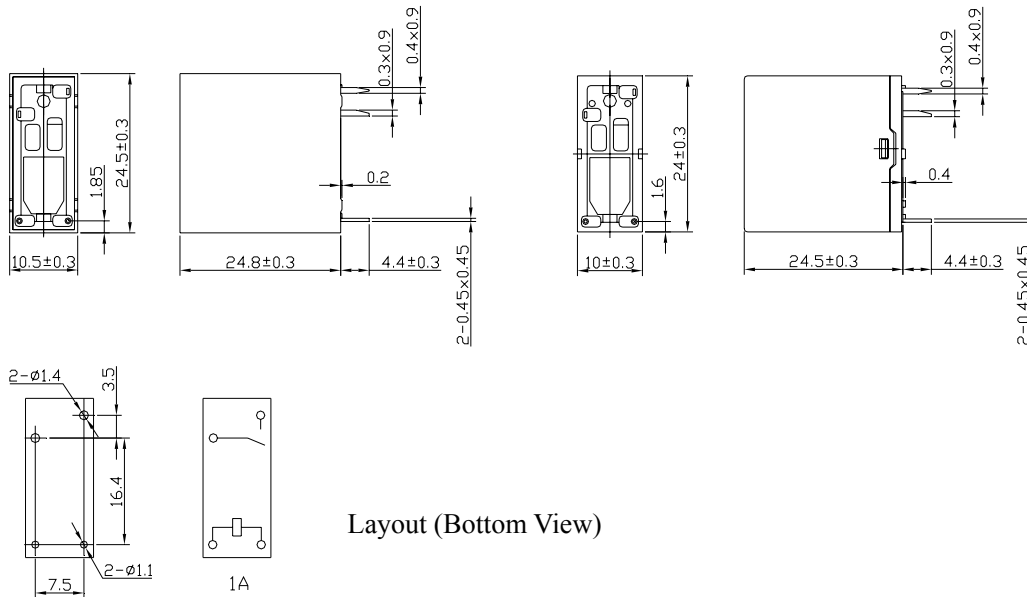


ORDERING CODE

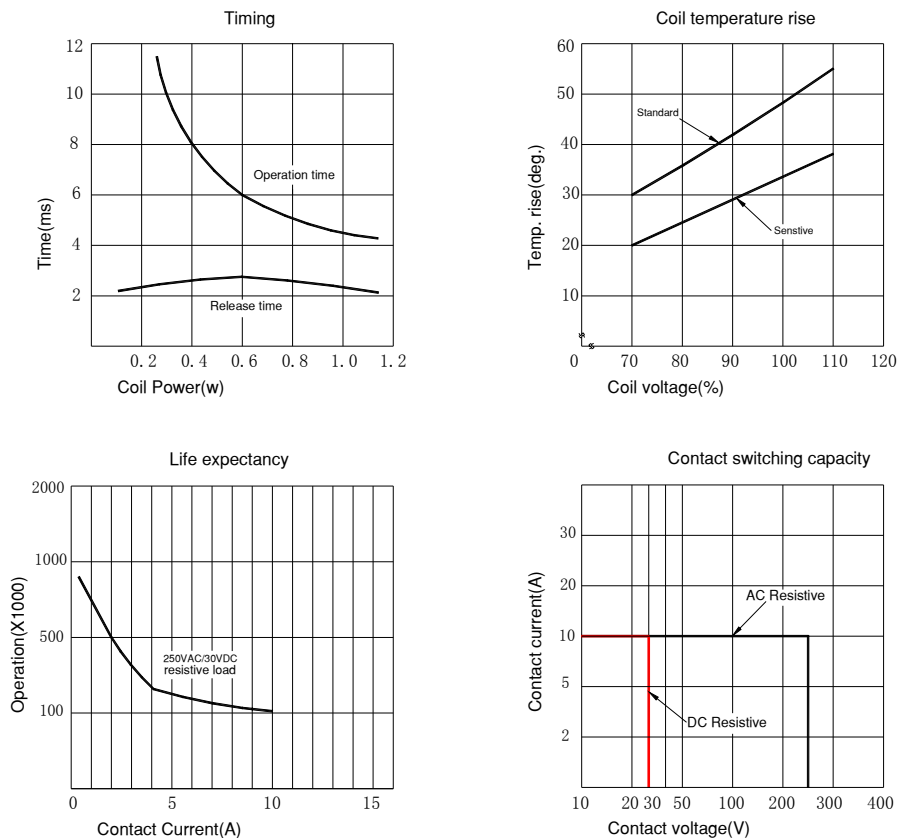
FLA4 D — 12VDC — S — H/C
 1 2 3 4 5 6

- | | |
|--|-----------------------------------|
| 1. Relay Model | S: Sealed type |
| 2. Coil Power
D=0.54W, L=0.25W | 5. Contact Form
H: Form A |
| 3. Coil Nominal Voltage
3,5,6,9,12,24,48VDC | 6. Case Type
Nil: Sealed Cover |
| 4. Type of Sealing | C: Flux tight Cover |

OUTLINE DIMENSIONS, WIRING DIAGRAM AND LAYOUT



特性曲线



FLOURISHING RELAY

The specifications are for the customer's reference and are subject to change without notice.