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# KT-297

## POWER RELAY

**KYOTA**



67.2 x 70.0 x 82.8

### CONTACT DATA

Contact Form	1C/1A/1B
Contact Material	AgCdO, AgSnO <sub>2</sub>
Max Switching Current	150A / 30VDC
Contact Resistance	≤100mΩ (1A 6VDC)
Coil Power	DC3.0W AC4VA

### CHARACTERISTICS DATA

Contact Resistance	≥500MΩ (500VDC)	
Dielectric Strength	Between Open Contacts	≥1200VAC 1min
	Between Contacts and Coil	≥2500VAC 1min
Operate Time	≤40ms	
Release Time	25ms	
Terminal Type	Screw Mounting	
Weight	Approx 535g	

### COIL DATA

at 25°C

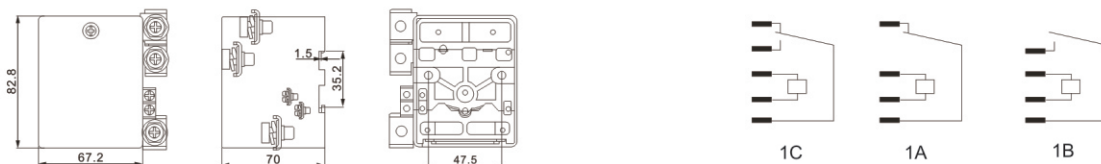
#### DC

Nominal Voltage (VDC)	Operate Voltage (VDC)	Release Voltage (VDC)	Coil Resistance (Ω ±10%)
6	4.8	0.6	18
12	9.6	1.2	70
24	19.2	2.4	290
48	38.4	4.8	1152
60	48.0	6.0	1800
110	88.0	11.0	6000

#### AC

Nominal Voltage (VAC)	Operate Voltage (VAC)	Release Voltage (VAC)	Coil Resistance (Ω ±10%)
6	4.8	1.8	9
12	9.6	3.6	36
24	19.2	7.2	144
48	38.4	14.4	576
110	88.0	36.0	3025
220	176.0	72.0	12000

### OUTLINE DIMENSIONS, WIRING DIAGRAM AND LAYOUT



#### CAUTION:

1. The use of any coil voltage less than the rated coil voltage will compromise the operation of the relay.
2. Maximum operating voltage and minimum release voltage are for test purposes only and are not to be used as design criteria.