KT-240

POWER RELAY

KYOTA

74.0×47.0×47.0

CONTACT DATA

Contact Form	1A/1B/1C
Contact Material	AgCdO, $AgSnO_2$
Max Switching Current	40A 250VAC/28VDC
Contact Resistance	≤100mΩ (1A 6VDC)
Coil Power	DC2.0W AC2.5VA

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	72
24	19.2	2.4	288
48	38.4	4.8	1150
60	48.0	6.0	1800
110	88.0	11.0	6050

AC

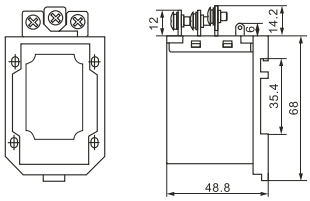
Nominal Voltage (VAC)	Operate Voltage (VAC)	Release Voltage (VAC)	Coil Resistance (Ω ±10%)
6	4.8	1.8	14.4
12	9.6	3.6	57
24	19.2	7.2	230
48	38.4	14.4	921
110	88.0	36.0	5000
220/240	176.0	72.0	19400/23070

CHARACTERISTICS DATA

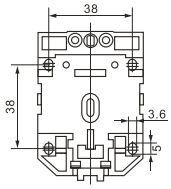
Insulation Resistance		≥1000MΩ (500VDC)
Dielectric Strength	Between Open Contacts	≥1200VAC 1min
	Between Contacts and Coil	≥ 2500VAC 1min
Operate Time		≤25ms
Release Time		25ms
Terminal Type		Screw mounting
Weight		Approx 180g

OUTLINE DIMENSIONS, WIRING DIAGRAM AND LAYOUT

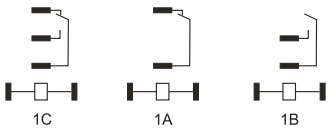
Outline dimension



Mounting holes (Bottom view)



Wiring diagram(Bottom view)



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.