

TJQ SERIES

ORDER CODE

TJQ-24-10

10: 10A

COIL VOLTAGE

TYPE

03D: DC 3V
 05D: DC 5V
 06D: DC 6V
 09D: DC 9V
 12D: DC 12V
 24D: DC 24V



Main Features:

- 1 form A & 1 form C contact.
- Surge strength 5,000VAC.
- Heavy current up to 10amps.
- Plastic sealed type is prepared for washing procedure.

COIL RATING (at 20°C)

Nominal Voltage (VDC)	COIL Resistance (Ω)(+/-10%)	Power Consumpt -10N(W)	Nominal Current (mA) (+/-10%)	Pull In Voltage (VDC)	Drop Out Voltage (VDC)	Max. Allowable Voltage (VDC)
3V	45 Ω	0.2W	66.7mA	70% Max.	10% Min.	120%
5V	125 Ω		40.0mA			
6V	180 Ω		33.3mA			
9V	405 Ω		22.2mA			
12V	720 Ω		16.7mA			
24V	2880 Ω		8.3mA			

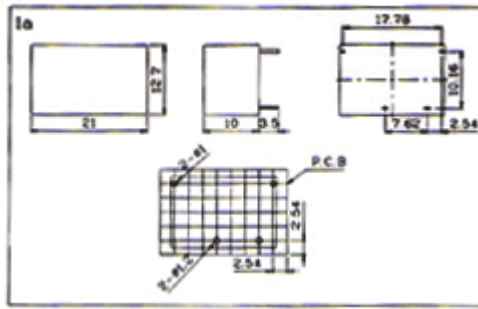
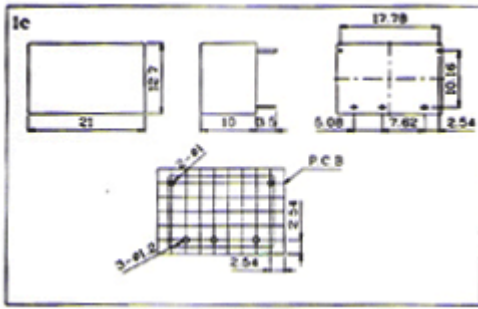
PERFORMANCE (at initial value)

Item \ Type	10A
Contact Resistance	50m Ω Max (initial value)
Operate Time	10m sec Max.
Release Time	10m sec Max.
Dielectric Strength between coil & contact between contact	Ac5000V (1min.) Ac1000V (1min.)
Insulation Resistance	1000M Ω Min. (DC500V)
Operating Ambient Temperature	-40°C ~ +70°C
Humidity	35 to 85% RH
Vibration Resistance	10G (10~50Hz) (Dual amplitude: 1.5mm)
Shock Resistance	10G
Life Expectancy Mechanically Electrically	20,000,000 ops . Min. (1800 ops./h) 100,000 ops. Min. (1200 ops./h)
Weight	5.5g (about)

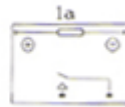
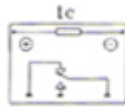
CONTACT RATING

Item \ Type	10A
Rated Carrying Current	AC 250V 10A DC30V 10A
Max. Allowable Current	12A
Max. Allowable Voltage	AC250V DC 30V
Max Current (continual)	10A
Contact Material	Ag Alloy

DIMENSIONS (Unit: mm)



WIRING DIAGRAMS (Bottom View)



REFERENCE DATA

