

# CI series

## ■ Features

- Boasting high reliability and achievement, suitable for motor load of air conditioners compressor.
- PCB type and TMP type (with tab terminal for contact and PCB terminal for coil and contact signal) are prepared.
- Small size, easy to use 1-pole type, ideal for inverter power supply for air conditioners.

## ■ Model numbering system



Rated coil voltage: Numeric part indication

DC (V): 5, 12, 24

Coil type D: DC

Number of contact poles 1: 1 pole

Shape indication Nil: Standard type (make contact with #250 tab terminal)

O(M) : No tab terminal make contact

## ■ Safety standards

Contact rating	Contact rating
UL (C-UL)	20A 250V AC
TUV	Making: 80A(cos $\phi$ =0.7 300ms) Breaking: 25A(cos $\phi$ =0.9) 250V AC
CQC	25A 250V AC
Electrical Appliances and Materials Safety Act	Conformable

## ■ Coil ratings

AC/DC	Item Voltage	Rated current (mA)	Coil resistance ( $\Omega$ )	Operate voltage (V)	Release voltage (V)	Maximum voltage (V)	Power consumption (W)
				Ratio to rated voltage			
DC	5	180	27.8	75% max.	5% min.	110%	0.9
	12	75	160				
	24	37.5	640				

- Notes: 1. Rated current and coil resistance are values at coil temperature of 20°C, tolerance is  $\pm 10\%$ .
- 2. Operate voltage and release voltage are values at coil temperature of 20°C.
- 3. Maximum voltage is the maximum value of the allowable voltage fluctuation range of the relay coil operating power supply with the ambient temperature at 20°C.