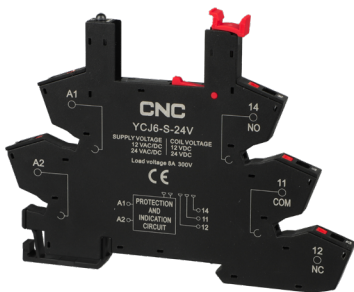


## Relay

# YCJ6 Slim Relay



### General

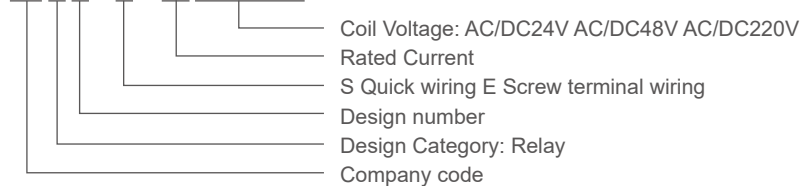
The YCJ6 Slim Relay is a compact, small-sized, low-power, and fast-response electrical switch device. Based on the principle of electromagnetic induction, it generates a magnetic field through a solenoid to attract or release the iron core, thereby completing the switching operation.

Applications: Elevators, industrial automation, industrial control equipment, inverters, charging systems, smart home appliances, and other scenarios.

### Type designation

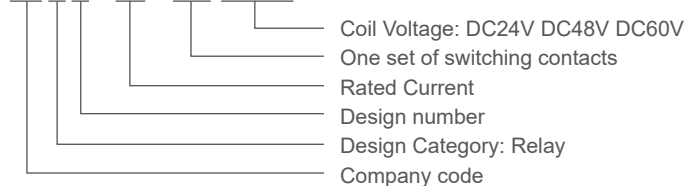
#### YCJ6 Product Combination

YC J 6 - S - 6A AC/DC24V



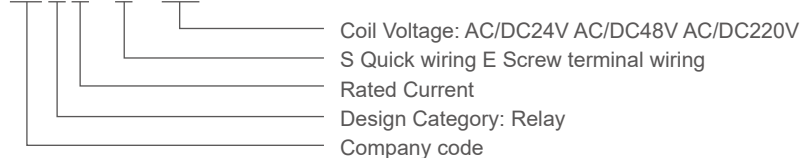
#### YCJ6 Relay

YC J 6 - 6A - 1ZF DC24V



#### YCJ6 Socket

YC J 6 - S - 24V



Note: Default a group of conversions

### Operating Conditions

1. Ambient temperature:  $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$
2. Relative humidity:  $5^{\circ}\text{C}\leq 85\%$
3. Altitude:  $\leq 2000\text{m}$
4. Environmental conditions: no harmful gases and vapors, no conductive or explosive dust, no severe mechanical vibration



## Relay

# YCJ6 Slim Relay

### Model matching

Product Combination Model	Compatible Relay Model	Compatible Socket Model
YCJ6-S-6AAC/DC24V	YCJ6-6A-1ZF DC24V	YCJ6-S-24V
YCJ6-S-6AAC/DC48V	YCJ6-6A-1ZF DC48V	YCJ6-S-48V
YCJ6-S-6AAC/DC220V	YCJ6-6A-1ZF DC60V	YCJ6-S-220V
YCJ6-E-6AAC/DC24V	YCJ6-6A-1ZF DC24V	YCJ6-E-24V
YCJ6-E-6AAC/DC48V	YCJ6-6A-1ZF DC48V	YCJ6-E-48V
YCJ6-E-6AAC/DC220V	YCJ6-6A-1ZF DC60V	YCJ6-E-220V

### Accessories

Busbar	Marking Plate
	

### Technical data

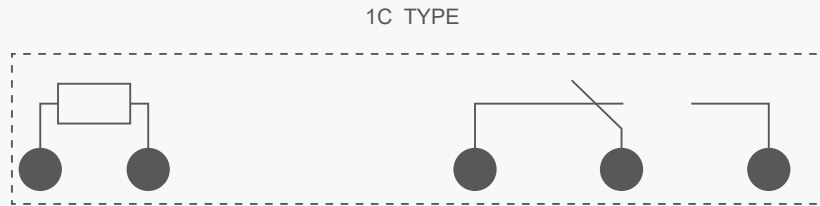
Characteristics (initial)	
Insulation resistance	1000MΩ(at 500VDC)
Dielectric strength	Between coil and contacts: 5000V for 1 minute
	Between across contacts of same pole: 1000V for 1 minute
Operate time (at normal voltage)	10ms max.
Release time (at normal voltage)	5ms max.
vibration resistance	10Hz-55Hz, at double amplitude 1mm
Shock resistance	Functional: Min.100m/s <sup>2</sup> Destructive: Min.1000m/s <sup>2</sup>

# Relay

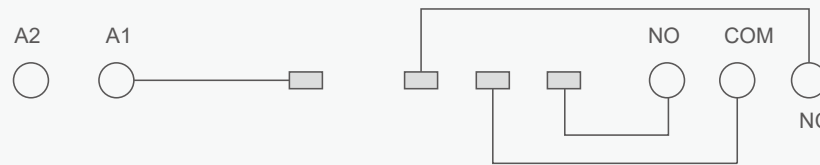
## YCJ6 Slim Relay

### Wiring diagram

Terminal-arrangement(bottom view)



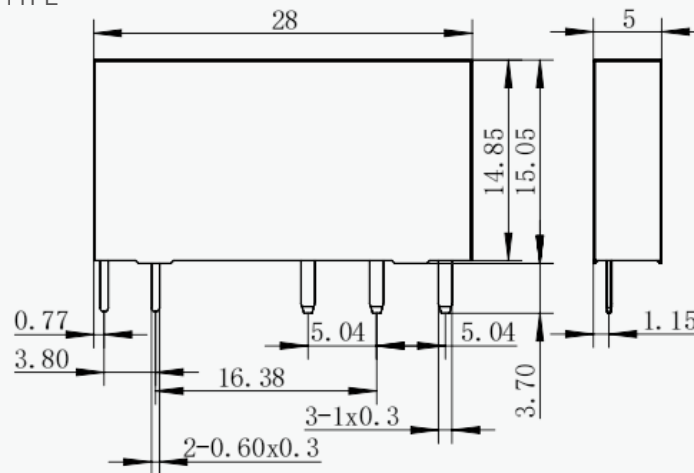
Socket Terminal-arrangement



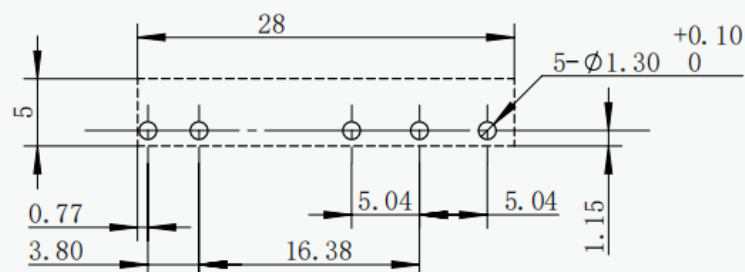
### Overall and mounting dimensions(mm)

#### OUTLINE

terminal Vertical mounction: 1C TYPE



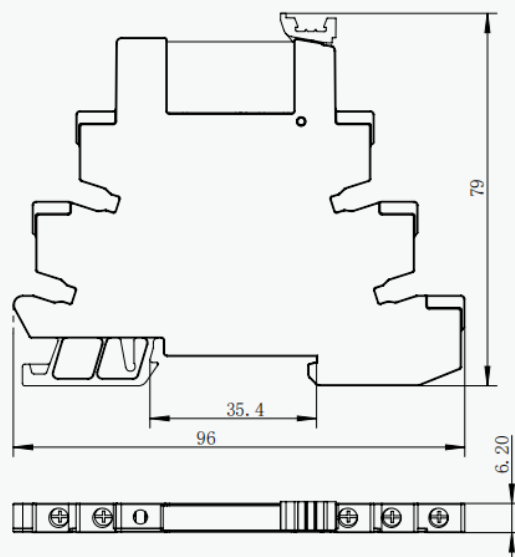
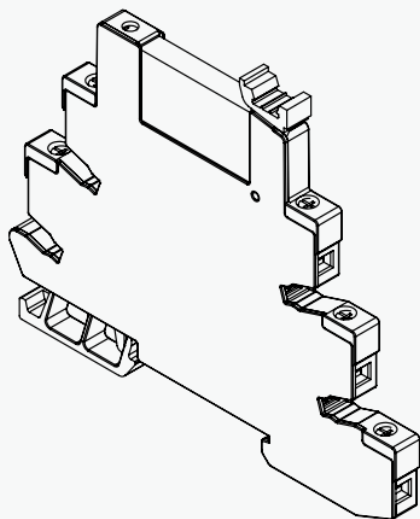
terminal Vertical mounction: 1C TYPE



# Relay

## YCJ6 Slim Relay

Socket  
type outline



type outline

