

Relay

YCT8-W Intelligent Control Relay



General

YCT8-W is a WiFi-enabled smart control relay with a built-in WiFi module. Using the Tuya app, it allows remote and scheduled control of relay contacts through a mobile phone, enabling wireless start-stop of electrical equipment and replacing traditional manual wiring control.

Standards: IEC 60947-5-1

Type designation

Company code	/	/	Voltage
YC	T8	-	W
AC85-265V			
Company code	Intelligent control relay	W:WIFI	AC85-265V

Operating conditions

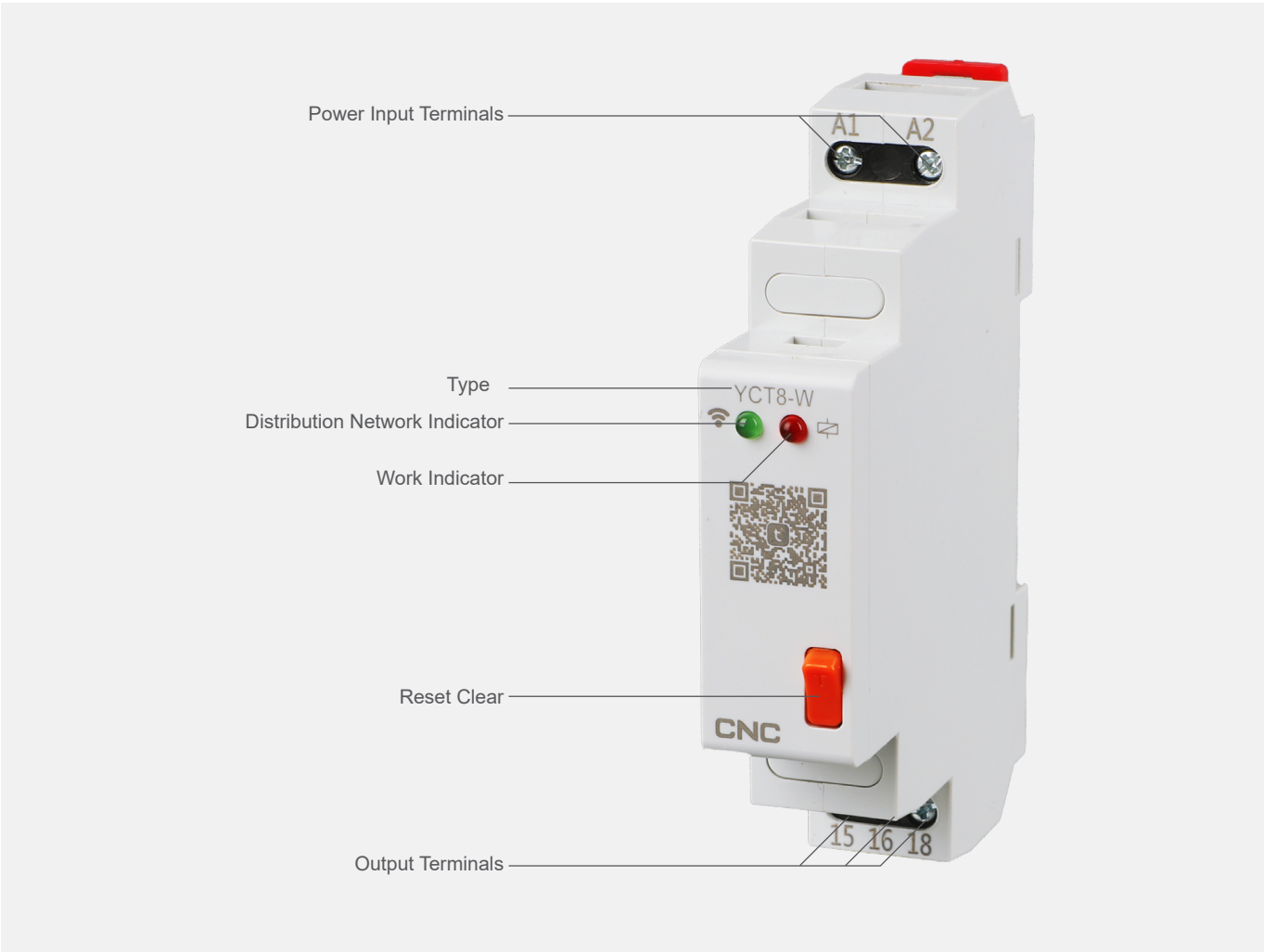
- 1. Ambient temperature: -10 °C to +60 °C
- 2. Relative humidity: ≤20% RH at 40 °C; ≤95% RH at 20 °C
- 3. Altitude: ≤2000 m
- 4. Environmental conditions: Free of harmful gases and vapors, conductive dust and explosive dust, and severe mechanical vibration.

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Technical data

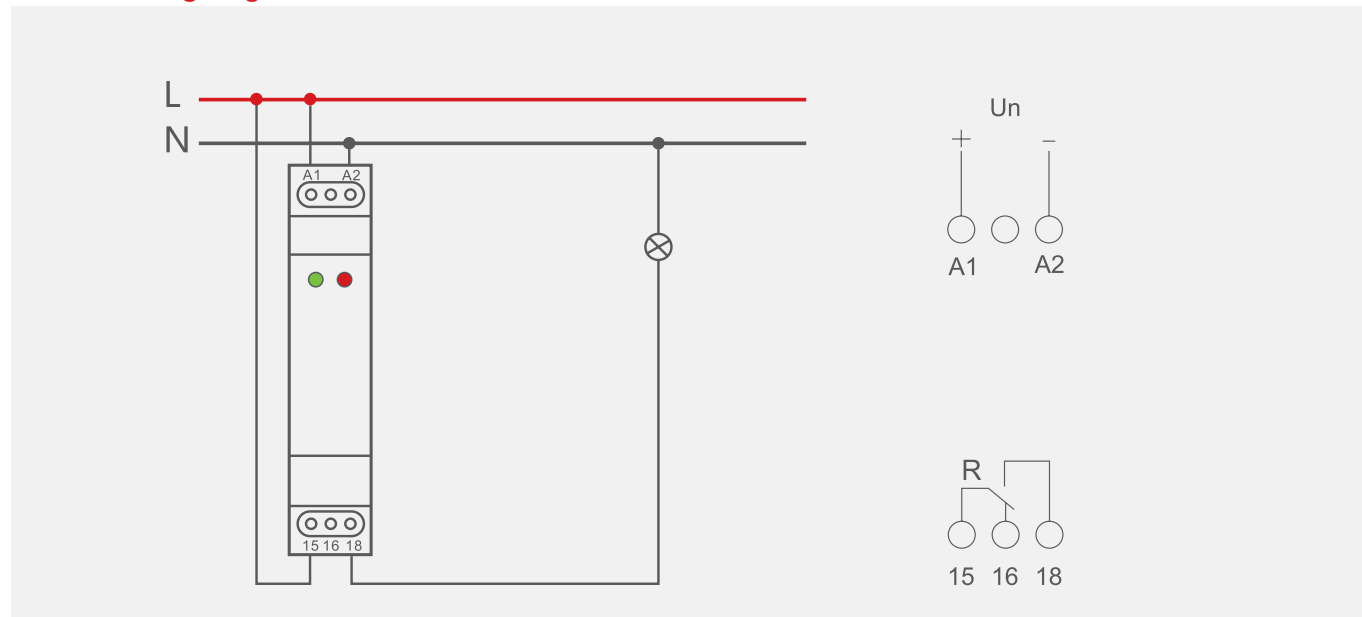
Parameter		Specification
Output Characteristic		1 × COM, NO, NC
Operating Voltage		AC85-240V
Wi-Fi Characteristics	Working Mode	STA/AP/STA+AP
	Wireless Security Support	Supports WEP, WPA/WPA2, WPA/WPA2 PSK (AES) and WPA3
	Supports SmartConfig and AP methods (Android & iOS)	
Wi-Fi RF Parameters (Typical)	Working Frequency	2.412-2.484GHz
	Transmit Power	Bluetooth: 6 dBm; 802.11b mode: max. +16 dBm
	Wireless Transmission Distance	Indoor: 45 m; Outdoor: 150 m (environment-dependent)
	Standby Power Consumption	Less than 1.5W
Physical Parameters	Antenna Type	Built-in Antenna
	Rated Current	16A



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Product wiring diagram



Overall and mounting dimensions(mm)

