



# JXR3 Series

Smart Circuit Breaker



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# JXR3 Series Smart Circuit Breaker



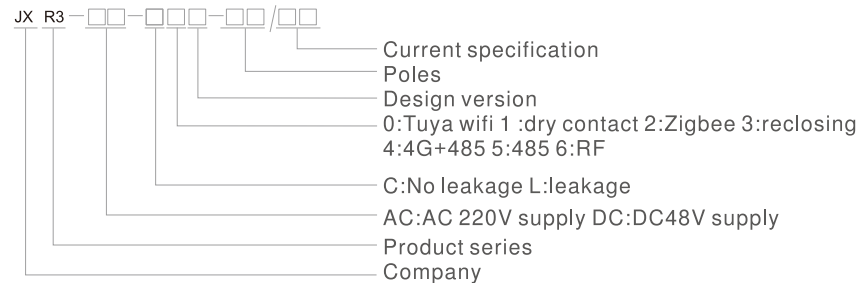
## Overview

JXR3 Smart Circuit Breaker is an electrical terminal distribution device developed for smart and safe electricity and energy management systems in buildings. This product is an Internet of Things (IoT) smart circuit breaker that uses electronic technology to control the normal operation of traditional circuit breakers. It features remote opening and closing control, local mode selection, timed opening and closing settings, and other functions.

## Functional Features

- Supports multiple control platforms such as Tuya APP, Mi Home APP, RS485, dry contacts and wireless kinetic energy.
- Supports local or remote operation for turning on and off
- Supports DIN-rail mounting
- Remote control without distance limitations
- Supports customization of protection thresholds
- Supports automatic reclosing and customizable reclosing time configuration

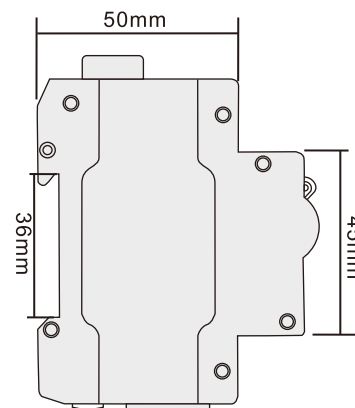
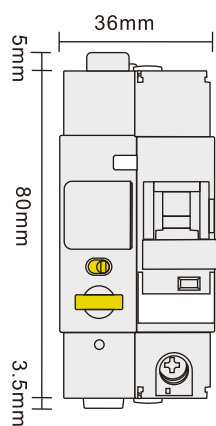
## Model And Meaning



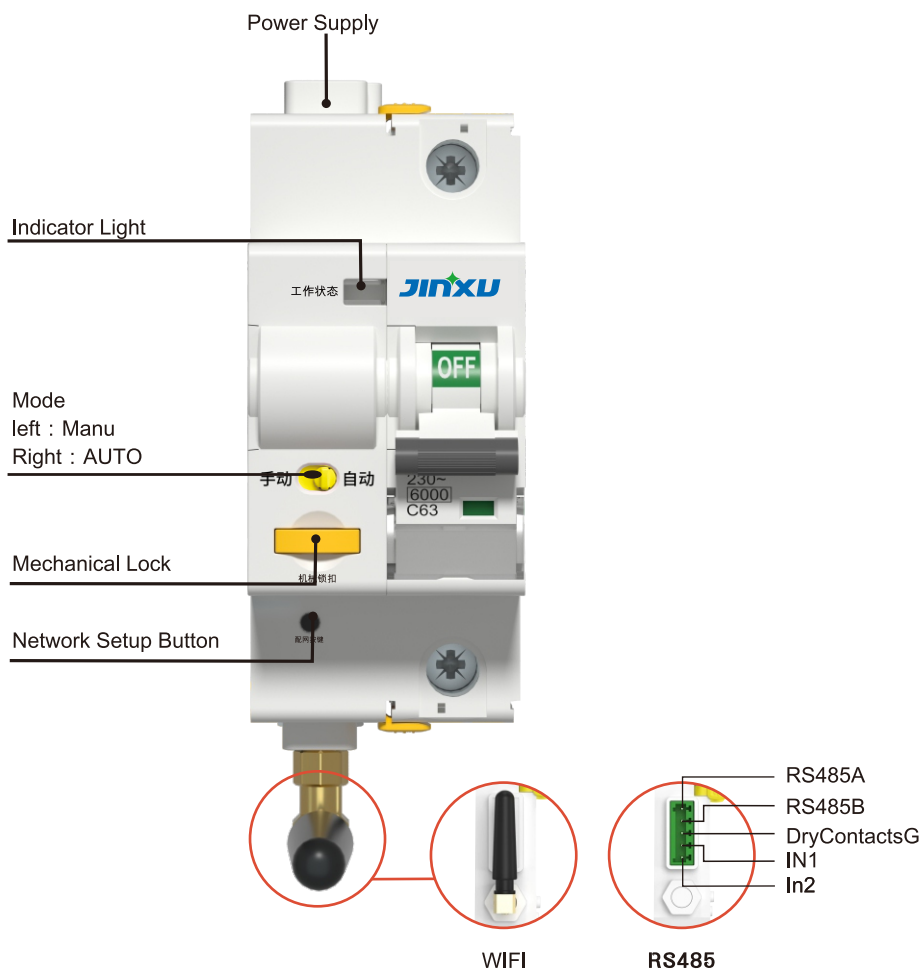
	R3-AC-L-□□ 1P+N/□□	R3-AC-C-□□ 1P/□□	R3-AC-C-□□ 2P/□□	R3-AC-C-□□ 3P/□□	R3-AC-C-□□ 4P/□□
Poles	1P+N	1P	2P	3P	4P
Mounting poles	3P	2P	3P	4P	5P
Rated current	10A、16A、25A、32A、40A、50A、63A				
Rated working voltage and frequency	220/230VAC50Hz	220/230VAC50Hz	220/230VAC50Hz	380/400VAC50Hz	380/400VAC50Hz
Breaking capacity	6KA、10KA				
Type	TypeC·TypeD				
Standby power consumption	<3W				
Communication	MiHomeWIFI				
	TuyaWIFI				
	TuyaZIGBEE				
	dry contact				
	Rs485				
Tripping time	≤0.1S				
Short circuit time	≤0.04S				
International Standard	GB/T16917.1-2014				
Controlmode	Integrated manualand automatic control				
Installation requirements	The installation location's altitude shouldnotexceed 3000m				
Temperature requirements	The lower limit of ambient air temperature should not be lower than-20°C,and the upper limits hould not exceed+70°C				
IPrating	IP20				
Product size	88.5mm*54mm*50mm	88.5mm*36mm*50mm	88.5mm*54mm*50mm	88.5mm*72mm*50mm	88.5mm*90mm*50mm
Configurable parameters	Over-voltage protection				
	Leakage protection <input checked="" type="checkbox"/>				
	Reclosing				

# JXR3 Series Smart Circuit Breaker

## Product wiring and dimensional diagram



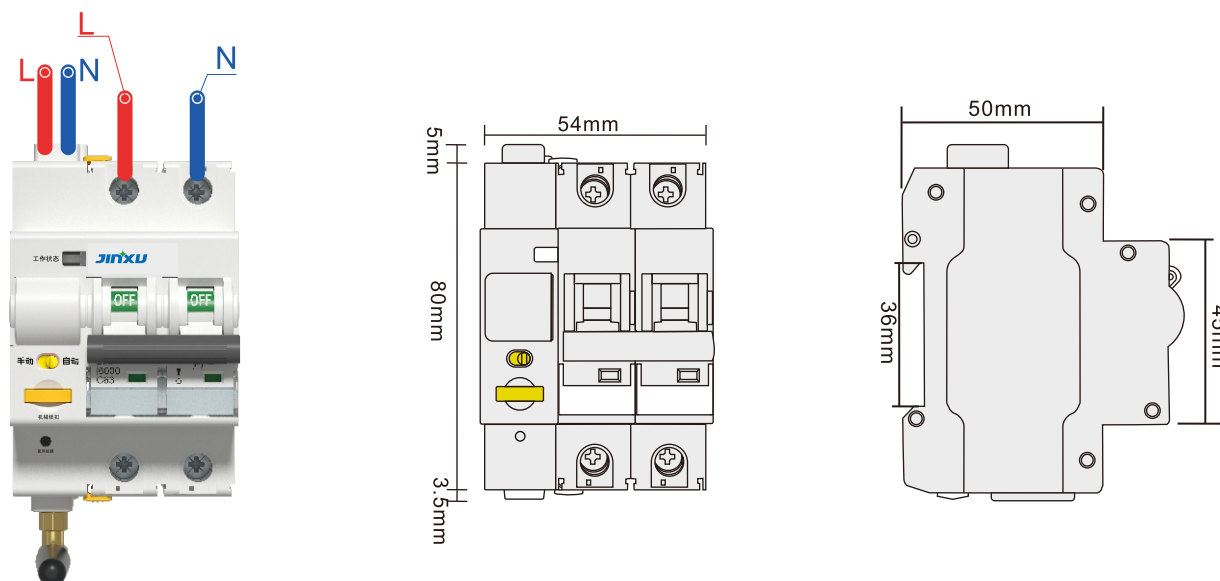
## Panel diagram



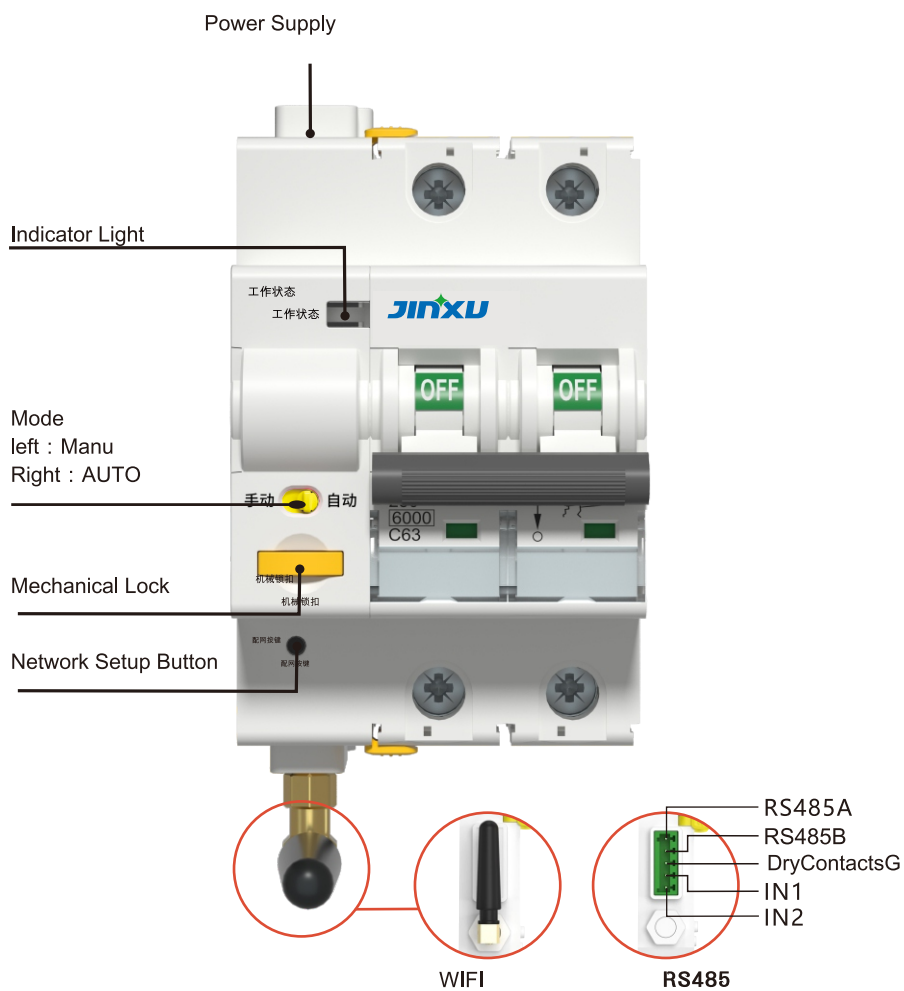
R3-AC-C-□□ 1P/□□

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## Product wiring and dimensional diagram



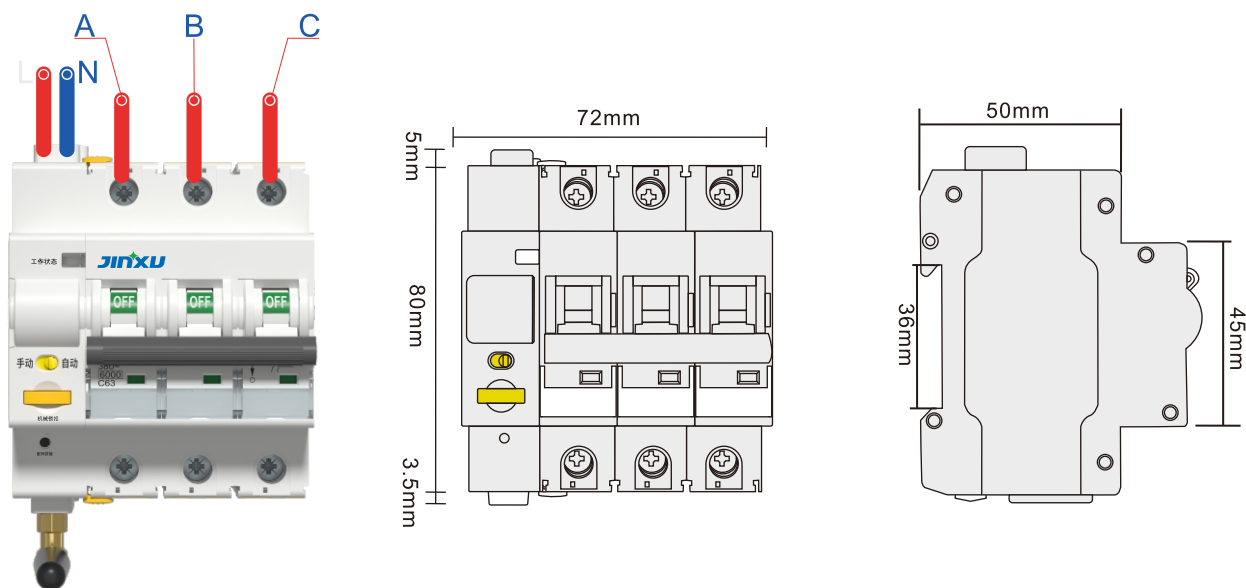
## Panel diagram



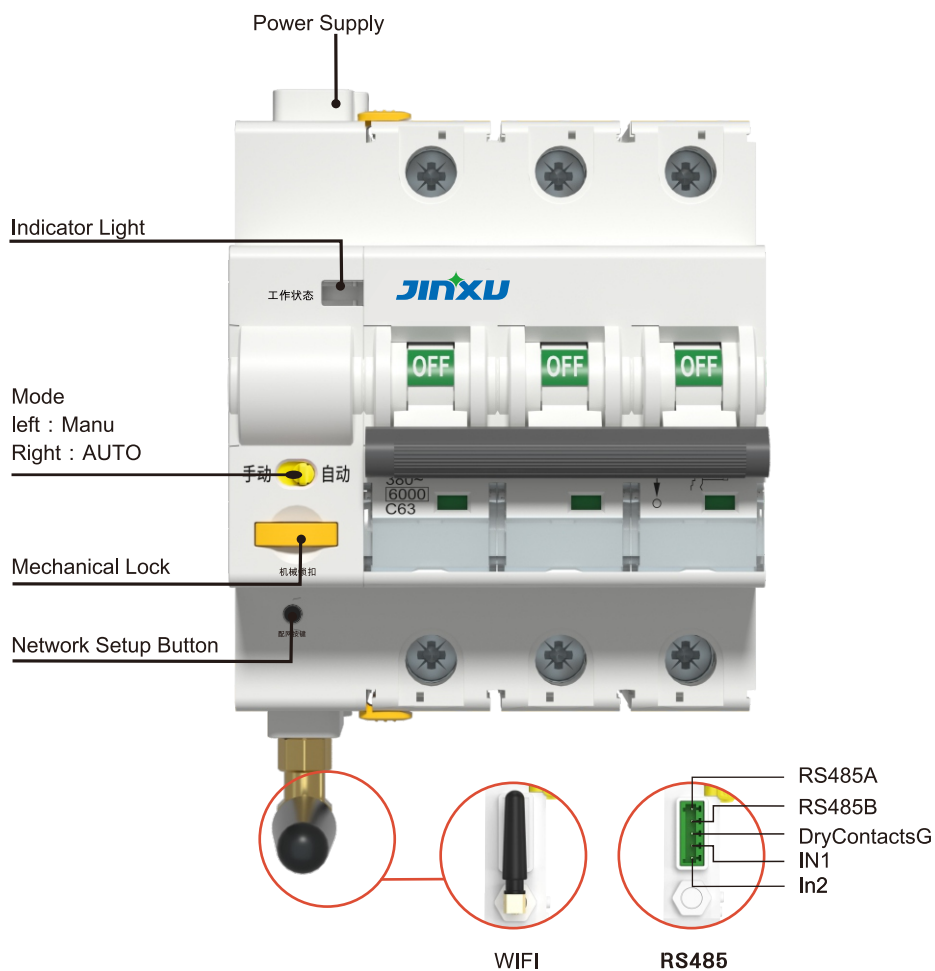
R3-AC-C-□□ 2P/□□

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## Product wiring and dimensional diagram



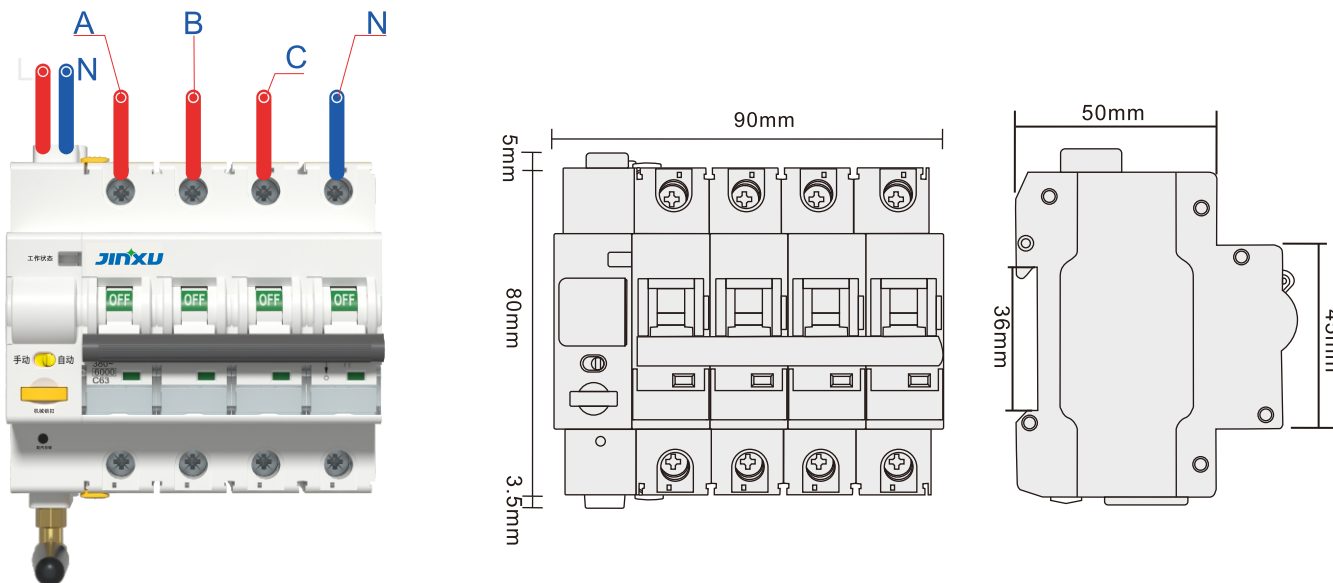
## Panel diagram



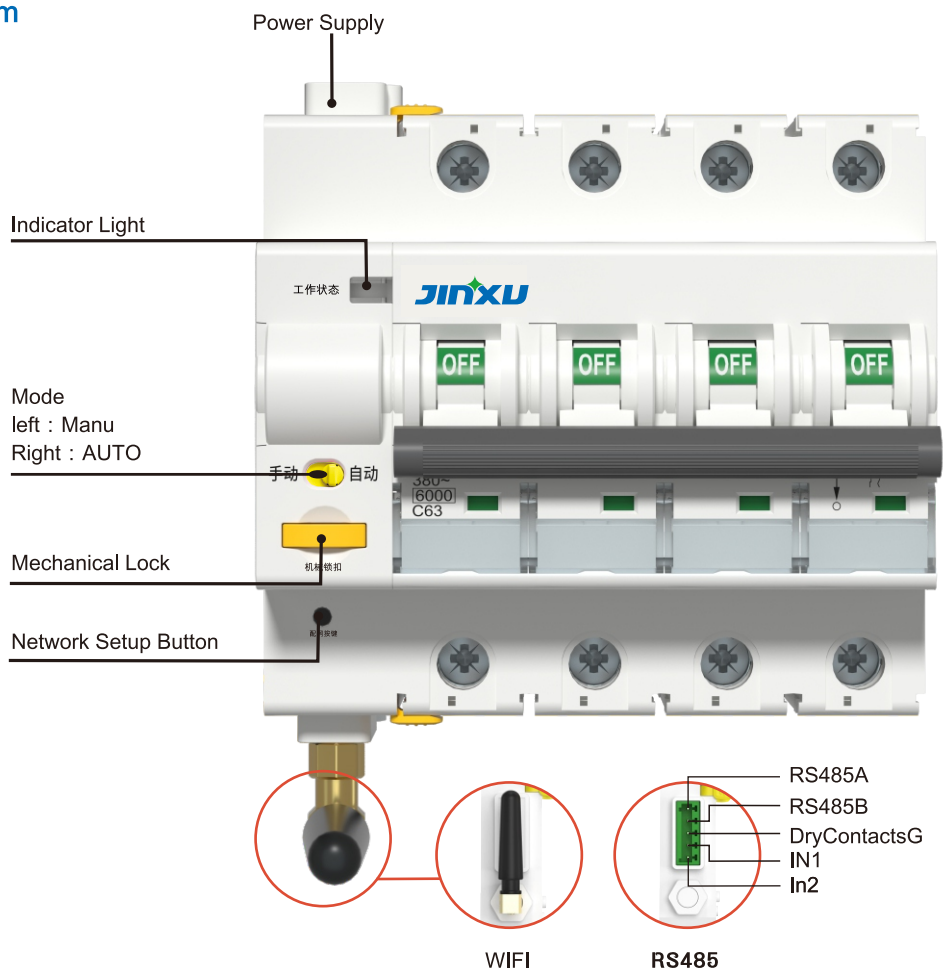
R3-AC-C-□□ 3P/□□

# JXR3 Series Smart Circuit Breaker

## Product wiring and dimensional diagram



## Panel diagram



R3-AC-C-□□ 4P/□□