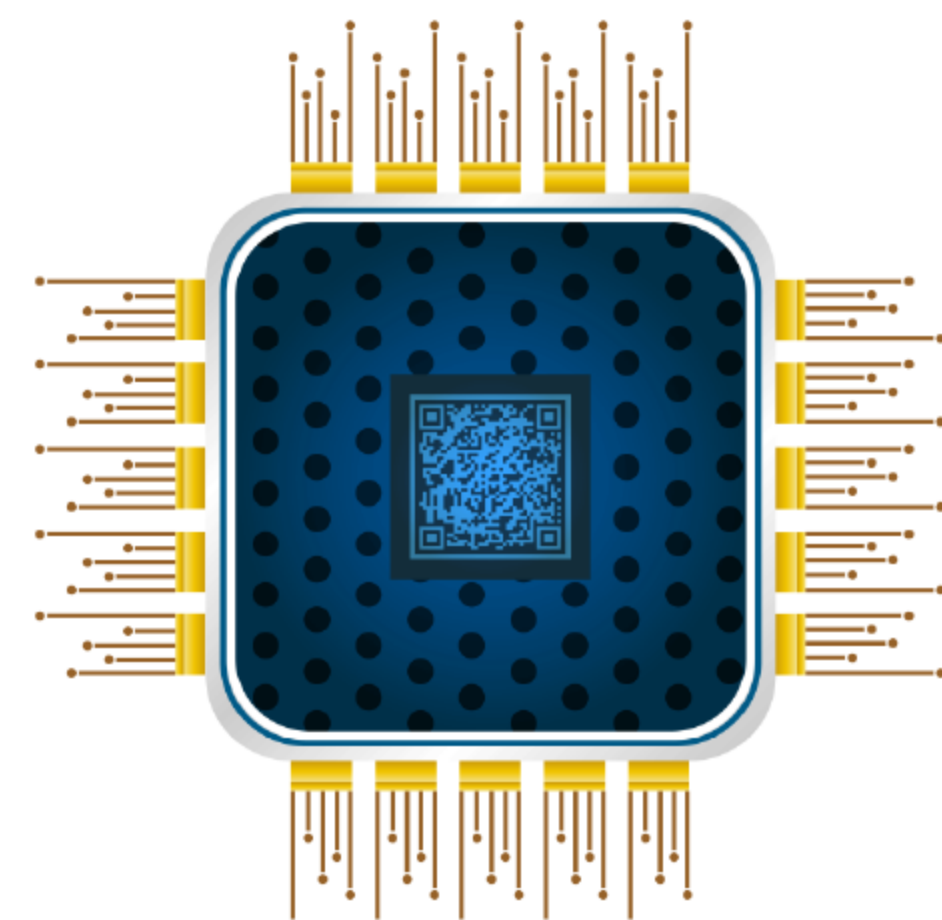


PRODUCT DETAILS

High breaking capacity



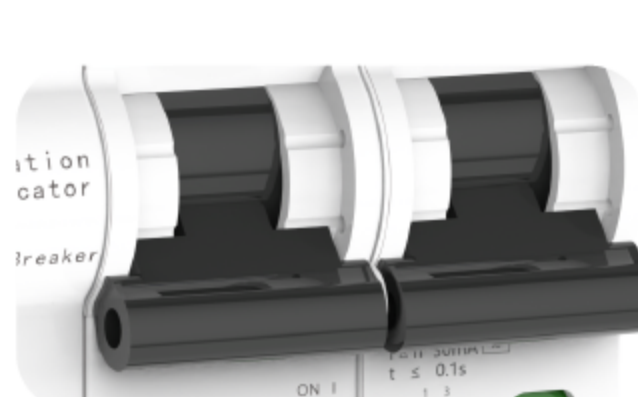
Top-performance chip



Durable long-life motor



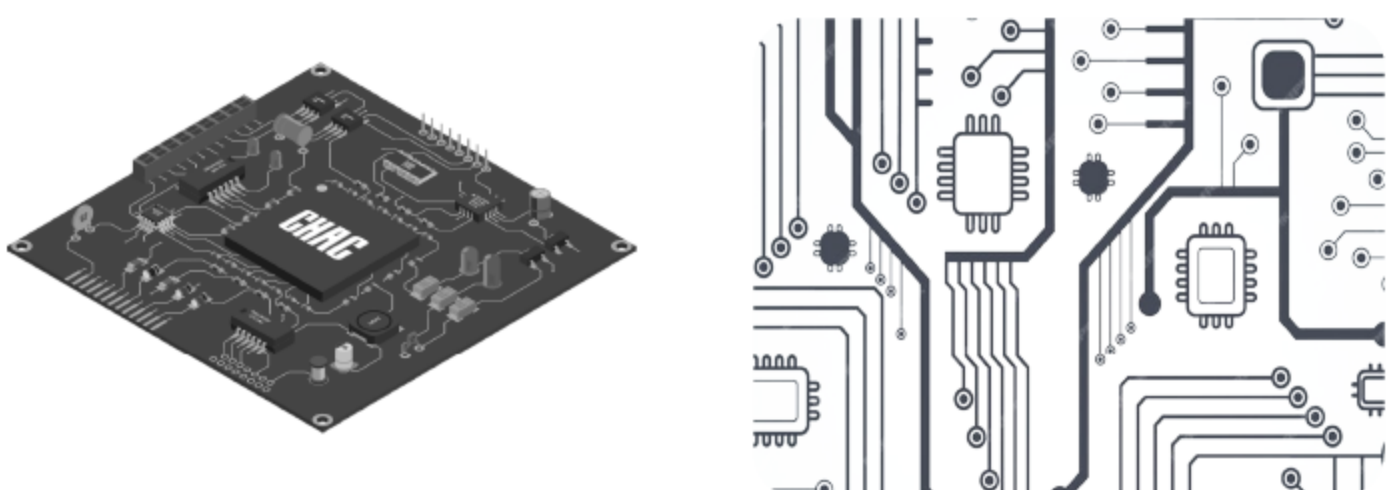
Metal reinforced handle



Highly flame-retardant materials



Premium-quality circuit board



COMPANY PROFILE

2

Intelligent Manufacturing Base

30

YEARS
Lean Manufacturing Experience

60000 M²

Total Building Size

100M+ POLES

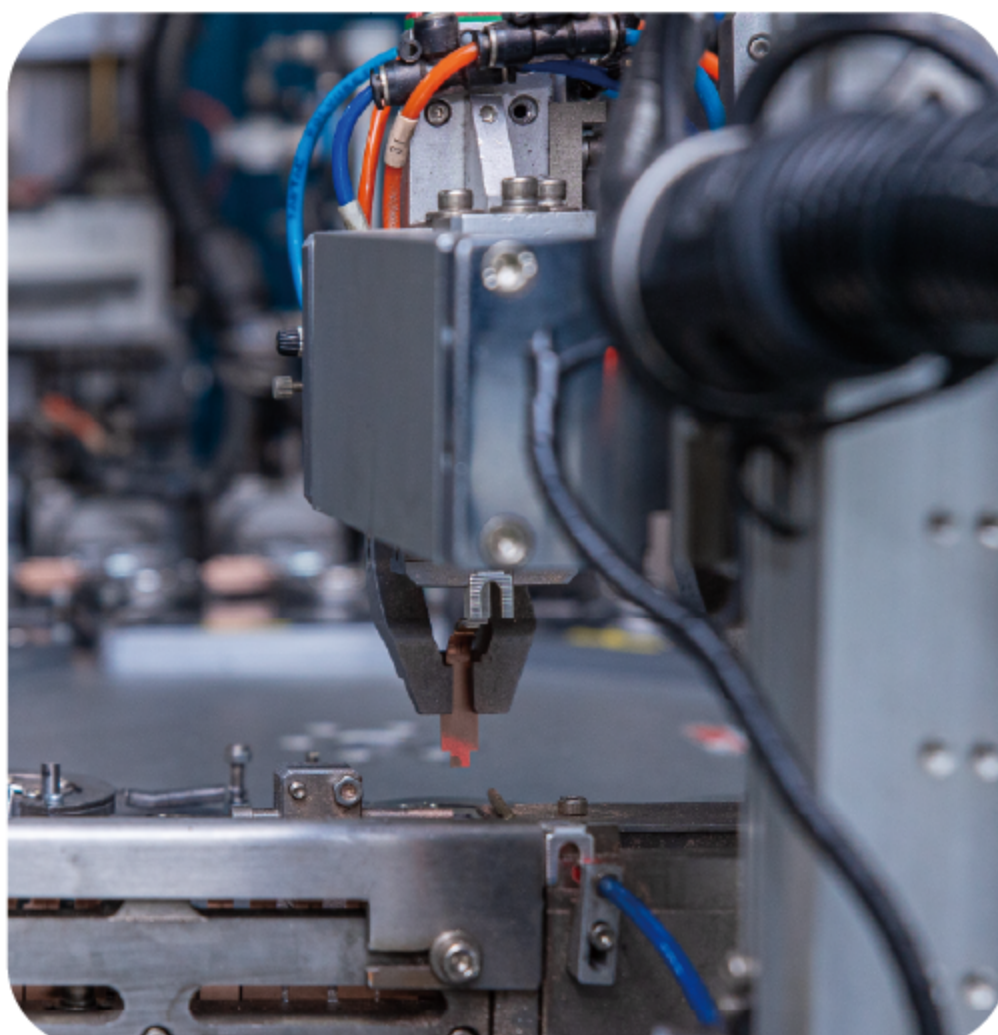
MCB Annual Production Capacity

85%

Of Production Machinery Self-developed

90%

Of Manufacturing Process Automated



8 CORE SECURITY PROTECTION



Over-current protection



Overpower protection



Leakage protection



Over&under voltage protection



Over-temperature protection



Maintenance protection



Phase loss protection



Short-circuit protection

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CHAC



Smart Circuit Breaker PRODUCT BROCHURE

Smart Circuit Breaker

Unlocking More Possibilities:
Making Electrical Management Smart



PRODUCT INTRODUCTION

CHAC Electric has always been dedicating to ushering electrical safety into the smart era.

To overcome the issues of high personnel maintenance costs, inefficiency, and delayed data feedback in daily electrical management, we partnered with Tuya to develop this user-friendly smart circuit breaker series.

In addition to traditional circuit protection, by introducing high-precision built-in current, voltage, and temperature sensors, as well as a high-performance CPU, this circuit breaker achieves various functions such as remote control, real-time monitoring, and automatic self-inspection. While ensuring safety and reliability, it brings a modernized intelligent experience to electrical energy management.

FEATURES AND FUNCTIONS

Remote Control
(Mobile control by Smart Life/Tuya Smart App)

Timer/Scheduled Switch
(Daily/weekly/monthly setting)

High-Precision Power Monitoring
(Metering accuracy 0.5S class)

Dual Overcurrent Protection
(Both thermal-magnetic and electronic way)

Adjustable Current & Power Limit
(Detect and alert)

Fast Leakage Current Cut-off
(Break within 0.04s)

Micro-Chip Leakage Self-check Leakage Test Self-Check
(Set regular leakage test Routine)

PRODUCT EXTERNAL ANALYSIS

L pole

N pole

Test button

Status Indicator

Model number

Wi-Fi Smart circuit breaker

Operating handle

Network status indicator

On/Off indicator

Rated current

Circuit diagram

Tuya/Smart life download QR code

Wiring screw

Breaking capacity

SPECIFICATIONS

BRAND	CHAC
Product name	CQB7ZNM-80
Number of poles	1P+N
Communication mode	Wi-Fi
Degree of protection (IP)	IP20
Application for mobile devices	Smart Life/Tuya Smart
Rated. current In	32A/ 40A/63A/ 80A
Types of RCD	AC type
Tripping characteristic	C
Frequency	50 Hz
Rated. voltage	1P+N: 230 /240V
Complies with standard	IEC 61009-1、IEC 60898-1
Rated short circuit breaking capacity Icn	6 kA
Mechanical service life	10000 Times
Electrical service life	6000 Times
Protection	overload protection, short circuit protection, isolation, over&under voltage protection, maintenance protection, leakage protection, temperature protection
Dimension	1P+N(L*H*W:90*72*53 mm)

REMOTE CONTROL IN MOBILE PHONES

SMART PROTECTION
Integrating Multiple Functions Into One