

# GXB1L-125 Series WiFi Residual Current Operated Circuit Breaker

(with monitor function,temperature control)



## Product Data-sheet



<b>Model</b>	<b>GXB1L-125</b>
Rated voltage	AC230V(1P,2P) / AC400V(3P,4P)
Rated frequency	50/60Hz
Number of poles	1P, 2P, 3P, 4P (1P without leakage protection)
Frame rated current	100A
Rated current (In)	10A, 16A, 20A, 25A, 32A, 40A, 50A, 63A, 80A
Instantaneous tripping curve	C
Rated short-circuit breaking capacity(Ics)	10kA
Rated impulse withstand voltage:	10kA
Mechanical life	10,000 times
Electrical life	4000 times
Standard	GB/T10963.1 / IEC 60898-1 GB/T 21706 / JB/T 12762
Pollution level	Level 2
Protection level	IP20
EMC performance	in line with GB/T18449
Surge withstand	in accordance with GB/T17626.5 voltage 4.0KV
Salt spray bearing	in line with GB/T2423.17 48h
Dust bearing	in line with GB/T4208 8h
Specified use temperature	-25 °C ~ +65 °C
Maxi mum wiring capacity	50mm <sup>2</sup>
Tightening torque	4-5Nm

<b>Monitor specification</b>	
Settable current range	1~63A
Settable voltage range	110~310V
Settable Over-voltage range	300V
Leakage protection range	10-90mA
Optional	RS485

**Advantage**

1. TUYA app support 3<sup>rd</sup> party voice control:



Alexa



Google Assistant



IFTTT



DuerOS



Rokid

- WiFi remote control to open & close on Phone
- Monitor Function: Setting over-voltage/under-voltage value, operate current, earth leakage current, temperature, timing & Delay ON and OFF, Sharing control, RS485 communication(optional).
- No-voltage protection: when turn on the No-voltage protection that can't be disconnect by hands when circuit breaker's disconnected.
- Over-voltage protection: It can operate reliably when N-L over-voltage under 440V that avoids body damaged.
- Read: Real time voltage, current, earth leakage current, temperature, rated power and metering function.

**Technical****Over-voltage action characteristics:**

- Over-voltage action setting value range (Uvo): AC240-300V
- Over-voltage reset value(Uvor): AC220V~275V

**Under-voltage action characteristics:**

- Under-voltage action setting value(Uvu): AC140-190V
- Under-voltage reset value(Uvur): AC170-220V
- Under-voltage action delay time: 0.5s-6s

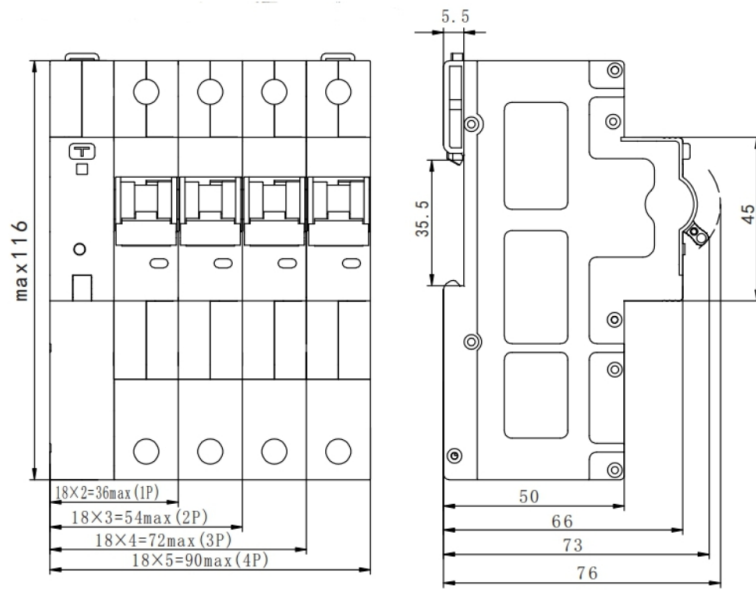
**Other:**

- When setting auto-mode,It will be turn on power <3s automatically after system testing well.
- RS485 baud rate: 9600; communication address: 1-247.

**Notice:**

Circuit breaker in “manual operation” when made out from factory.

**Product dimensions(mm)**



**Wiring picture**

