AMC01-100

● Application

AMC0l Series High Breaking Miniature Circuit Breaker (hereinafter referred to as breaker) is a double with overload and short circuit protection circuit breaker, which is suitable for AC 50Hz, rated voltage up to 400V, rated current up to 100A of circuit, overload and short circuit as a circuit protection may also be applied to non–frequent making and breaking circuit use.

Products comply with standards such GBI4D8.2.GBI0963.1

● Scope

1、Ambient air temperature

Ambient air temperature –5 ℃ ~ +40 ℃; 24 hour average does not exceed +35 ℃.

2、Altitude

The installation site altitude does not exceed 2000m.

3、Atmospheric conditions

Atmospheric relative humidity in the ambient air temperature is +40 ℃ not more than 50% at lower temperatures can have a higher relative humidity; the wettest month of the monthly average relative humidity of most people is 90%, while the monthly average of the month minimum temperature of +25 ℃, and taking into account the temperature change in the surface of the condensation product.

4、Installation category

The circuit breaker for the rail installation, the installation category III class.

5、Installation conditions

Breaker should generally be mounted vertically, the handle position for the power–up position, the installation should be no significant impact and vibration, non–corrosive and explosive gases exist.

5、Wiring

With screw clamp terminal

▶ Model Comments

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- Not breaking with the neutral line, said with N
- Rated residual operating current(A)
- Number of poles
- Wiring
- Rated Current
- Instantaneous release level
- Derived code
- Design Code
- Breaker
- AIKS

Derived code: Miniature Circuit Breaker: no representation; small leakage circuit breakers: The "E", said; small voltage circuit breakers: The "Q" that

Number of poles: 1、One pole 2、Tow pole 3、Three-pole 4、Four-pole

Rated Current: 1:1A/3:3A/6:6A/10:10A/32:32A.....

Instantaneous release level: C: for distribution protection; D: for motor protection

Connection:(Wires or cables: no;said bus connection: The "H" said)

Rated residual operating current:

30mA: No representation; 50 mA: T5, said; 100 mA: T10 that

▶ Overcurrent trip protection features

Ambient air humidity	I/In	Test time		Initial state
		In≤63A	In>63A	
+30 ±20℃	1.05	Ih No tripping	Release within 2h	Cold start
	1.30	Ih Trip	Release within 2h	Cold start
	3	To return to the time> 3s	To return to the time>5s	Cold start
For any temperature	10	0.2s Trip		Cold start

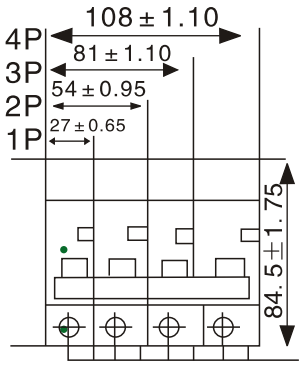
▶ Media performance

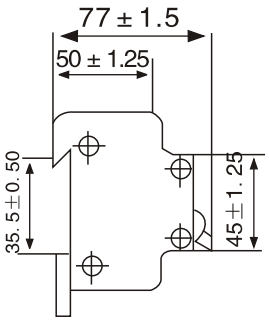
Circuit breaker should be able to withstand 2000V, for 1min power frequency voltage withstand test, no breakdown or flashover.

▶ Mechanical and electrical life

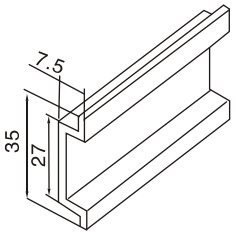
Circuit breaker electrical life of 1,500 times, 8,500 times Mechanical life

▶ Circuit Breaker Dimensions





Rail Size



▶ Circuit Breaker Installation

1 installation should check the rating plate, mark the basic technical data on the compliance requirements.
2 Check the circuit breaker and manual several times, action should be flexible, to confirm intact, in order to install.
3 Breakers should be installed vertically, so that the handle at the bottom, moving the handle up position contact closed position.

▶ Use and maintenance

1. To close the circuit breaker, shall handle push up toward the direction of the arrow ON.
2 circuit breaker overload, short circuit protection features are factory setting, not at liberty to use open regulation.
3 The circuit breaker enclosure is IP20 grade, do not use protection levels that do not meet the requirements of this place

▶ Notes

1 circuit breaker in the transport, storage and use, are not affected by rain and snow
2 circuit breaker in operation should be checked regularly to check working conditions as determined by periodic check should be cut off the power to avoid causing short circuits.