

## JL9B-125S MCB

### JL9B-125S Miniature Circuit Breaker

#### General

The **JL9B-125S** circuit breaker from **Juneluc** is designed to protect lighting and power distribution systems from overloads and short circuits. It is suitable for **AC 50Hz/60Hz circuits** with a rated voltage of up to **415V**.

Manufactured with **high fire-resistant and shockproof plastics** and **premium metal components**, the JL9B-125S offers **reliable performance, lightweight construction, and a modern, durable design**.

#### Key Features:

- Provides reliable protection against **overload and short-circuit faults**.
- **Durable and safe design** with heat and impact-resistant materials.
- Complies with international standards **IEC/EN60947-2**.
- Ideal for use in **both residential and industrial applications**.

**Juneluc – Trusted Safety for Every Electrical Circuit.**

#### Selection

Model	Rated current (In) (A)	Frame current	Number of poles	Rated breaking capacity	Tripping Characteristics
JL9B-125S	63 80 100 125	125	1P 2P 3P 4P	6KA	B C D

# JL9B-125S MCB

## Technical Data

Type	Standard		IEC/EN 60847-2			
Electrical features	Function		Overload, Short circuit, Isolation			
	Number of poles	p	1P	2P	3P	4P
	Rated current (In) (A)	A	63A, 80A, 100A, 125A			
	Rated voltage Ue	V	400/415V			
	Frame level	A	125A			
	Insulation voltage Ui	V	500			
	Rated frequency	Hz	50/60			
	Rated breaking capacity	A	6000			
	Rated impulse withstand voltage (1.2/50) Uimp	V	6000			
	Dielectric test voltage at ind. Freq. for 1min	kV	2.5			
	Pollution degree		3			
	Trip type		Thermal magnetic release			
	Thermal magnetic tripping characteristics		B, C, D			
	Accessories					
Mechanical features	Mechanical life	T	10000			
	Electrical life	T	1500			
	Protection degree		IP20			
	Reference temperature for setting of thermal elements	°C	30			
	Ambient temperature (with daily average ≤35°C)	°C	-5~+40			
	Storage temperature	°C	-25~+70			
	Terminal connection type		Cable/Pin-type busbar			
Installation	Terminal size top/bottom for cable	mm <sup>2</sup>	35			
		AWG	18/2			
	Terminal size top/bottom for busbar	mm <sup>2</sup>	35			
		AWG	18-1/0			
	Tightening torque	N*m	3.5			
		In-lbs	31			
	Mounting		On DIN rail EN 60715(35mm) by means of fast clip device			
Connection		From top and bottom				

## Overall and mounting dimensions (mm)

### Curve

