

JL9B-63N MCB

JL9B-63N Miniature Circuit Breaker (AC MCB)

General

The **JL9B-63N** miniature circuit breaker is designed for **overcurrent protection** in lighting and power distribution systems.

- Suitable for **AC 50/60Hz circuits**, up to **415V and 63A**.
- Provides **isolation, overload, and short-circuit protection**, and can be used for **infrequent line switching** under normal conditions.
- Ideal for **industrial, commercial, high-rise, and residential applications**.
- Complies with **IEC/EN 60847-2** standards for safe and reliable operation.

Reliable protection for every electrical circuit.

Selection

Model	Rated current (In) (A)	Frame current	Number of poles	Rated breaking capacity	Tripping Characteristics
JL9B-63N	1	63	1P 2P 3P 4P	6KA	B C D
	2				
	4				
	6				
	10				
	16				
	20				
	25				
	32				
	40				
	50				
63					

JL9B-63N MCB

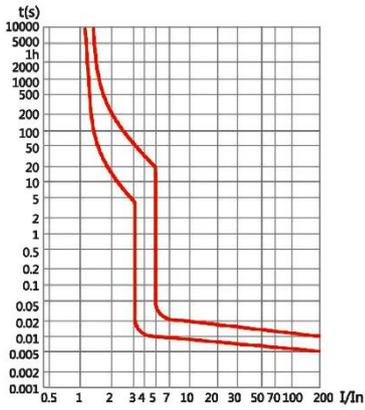
Technical Data

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	6A, 10A, 16A, 20A, 25A, 32A, 40A, 50A, 63A			
	Rated voltage Ue	V	400/415V			
	Frame level	A	63A			
	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			
	Pollution degree		2			
	Trip type		Thermal magnetic release			
	Thermal magnetic tripping characteristics		B, C, D			
	Accessories					
	Mechanical features	Mechanical life	T	10000		
Electrical life		T	20000			
Protection degree			IP40			
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 ²	35			
		AWG	18/2			
	Terminal size top/bottom for busbar	mm ²	35			
		AWG	18/2			
	Tightening torque	N*m	2			
		In-lbs	18			
	Mounting		On DIN rail EN 60715(35mm) by means of fast clip device			
	Connection		From top and bottom			

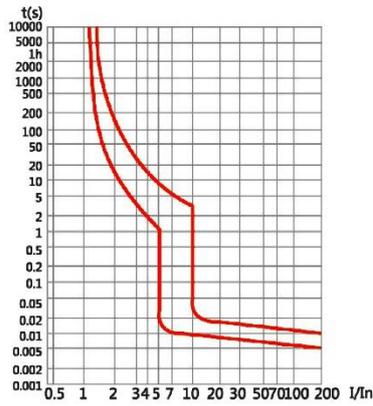
Overall and mounting dimensions (mm)

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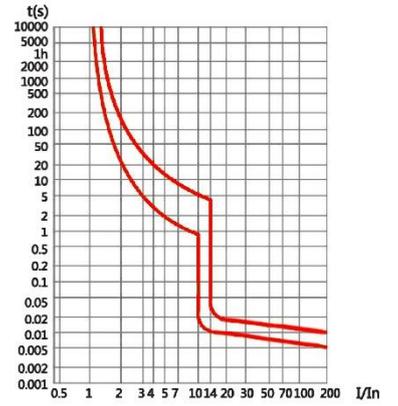
Curve



IEC/EN 60898-1 AC type B curve



IEC/EN 60898-1 AC type C curve



IEC/EN 60898-1 AC type D curve