

JLXZ-63 Series DC Miniature Circuit Breaker



1. Function

The **JLXZ-63 series DC Miniature Circuit Breaker** is engineered for use in DC systems with rated currents up to **63A** and voltage levels ranging from **250V to 1000V DC**. It offers reliable protection against **overloads** and **short circuits**, ensuring the safety and stability of power distribution networks and electrical equipment.

This breaker is suitable for a wide range of applications, including **electric utilities**, **telecommunication systems**, **transport infrastructure**, and **industrial and mining operations**. The product conforms to the **IEC 60898-2** international standard, ensuring quality and performance in demanding environments.

2. Technical Data

Standard		IEC 60898-2			
Number of poles		1P	2P	3P	4P
Rated working voltage (V DC)		250	500	750	1000
Frame level		63A			
Rated current (In) (A)		6A, 10A, 16A, 20A, 25A, 32A, 40A, 50A, 63A			
Rated insulation voltage Ui (V DC)		1000/1200			
Tripping characteristics		C			
Tripping type		Thermal-magnetic			
Rated ultimate short-circuit breaking capacity (Icu)		10kV			
Rated service short-circuit interrupting capacity (Ics)		10kV			
Mechanical life (times)	Actual	20000 times			
	Standard	9700 times			
Electric life (times)	Actual	Average 1000 times			
	Standard	300 times			
Overvoltage category		III			
Pollution degree		2			
Ingress protection		IP20			
Relative humidity		≤95%			
Vibration		Acc.to IEC60068-2-6			
Shocks		Acc.to IEC60068-2-27			
Terminal capacity		2.5-35mm ²			
Fastening torque for terminals		2.0-2.5N·m			
Ambient temperature		-5°C~+40°C			
Storage temperature		-25°C~+75°C			
Installation method		DIN35mm			
Elevation		≤2000m			

3. Dimensions

