

JLZ-125 Series DC Miniature Circuit Breaker



1. Function

The **JLZ-125 series DC Miniature Circuit Breaker** is designed for DC systems with rated currents up to **125A**. It provides dependable protection against **overloads** and **short circuits**, ensuring the safety of power distribution systems and connected equipment.

This model is widely applied in sectors such as **electric power infrastructure**, **telecommunications**, **transportation**, as well as **industrial and mining facilities**. The product meets the requirements of the **IEC 60947-2** standard, guaranteeing high performance and compliance with international safety norms.

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	125A			
Rated current (In) (A)	80A, 100A, 125A			
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		IP40.wiring port IP20
Relative humidity		≤95%
Vibration		Acc.to IEC60068-2-6
Shocks		Acc.to IEC60068-2-27
Terminal capacity		2.5-35mm ²
Fastening torque fo teminals		2.0-2.5N·m
Ambient temperature		-5°C~+40°C
Storage temperature		-25°C~+75°C
Installation method		DIN35mm
Elevation		≤2000m

3. Dimensions

