

Functions and features

DZ47sZ DC Miniature Circuit Breaker

Applied standards:
GB/T14048.2 IEC60947-2

Conformity certification:



DZ47sZ DC miniature circuit breaker has the following functions

- Short-circuit protection
- Overload protection
- Control
- Isolation

Main features

Rated voltage	1P DC250V; 2P/3P DC500V
Rated current	1, 2, 3, 4, 5, 6, 8, 10, 13, 16, 20, 25, 32, 40, 50, 63A
Number of poles	1P, 2P, 3P
Breaking capacity	6kA
Impulse withstand voltage	4kV
Mechanical life	20000 times
Electrical life	6000 times
Breaking capacity (kA)	DZ47s-80: 4.5kA(1P), 6kA(2P); DZ47s-80H: 10kA(2P)
Environment	Operating temperature: -35℃~70℃
Installation	With modular installation, easily installed on the DIN standard guide rail
	Rated torque: 2.5N.m

Trip characteristics

- B type curve
 - To protect the load with small short-circuit current
 - Trip characteristics: Instantaneous trip range (4.4~6.6) In
- C type curve
 - To protect the conventional load and distribution wire and cable
 - Trip characteristics: Instantaneous trip range (6.8~10.2) In

Product details



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Connection

Tunnel type wiring terminal

Wiring terminal area: 1-63A is suitable for wire with an area of 25mm² and below

