

Molded Case Circuit Breaker up to 800A

This MCCB (molded case circuit breaker) is designed for systems up to 690V. It is available in 3-pole or 4-pole configurations and up to 800A.



ADDITIONAL IMAGES



Overview

Professional Power Distribution

The ZKZ2 series molded case circuit breaker is engineered for reliable electrical distribution and motor protection in low-voltage networks. Designed for 50Hz and 60Hz AC systems, it provides essential overload thermal tripping and short-circuit instantaneous protection. The modular design supports flexible connection options and a wide range of accessories to meet diverse industrial application requirements.

Key Metrics

Performance Ratings

800 A

Max Rated Current

690 V

Rated Insulation Voltage

50 kA

Max Short-Circuit Capacity

Technical Specifications

Product parameters

ZKZ2 series molded case circuit breaker applies to the alternating current 50Hz and 60Hz, the rated insulation voltage up to 690V, the rated operational voltage up to 690V, the rated current up to 800A. It is the low-voltage circuit breaker. It can be used for distribution and protecting the circuit in industrial and commercial power systems and can be used for starting and stopping of the motor in power system.

Item	Parameter	Rated current (A)									
		16	20	25	32	40	50	63	80	100	125
1	Rated current	16	20	25	32	40	50	63	80	100	125
	Rated insulation voltage (kV)	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69
2	Rated operational voltage (kV)	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.69
	Rated short-circuit breaking capacity (kA)	10	10	10	10	10	10	10	10	10	10
3	Rated short-circuit breaking capacity (kA)	10	10	10	10	10	10	10	10	10	10
	Rated short-circuit breaking capacity (kA)	10	10	10	10	10	10	10	10	10	10
4	Rated short-circuit breaking capacity (kA)	10	10	10	10	10	10	10	10	10	10
	Rated short-circuit breaking capacity (kA)	10	10	10	10	10	10	10	10	10	10
5	Rated short-circuit breaking capacity (kA)	10	10	10	10	10	10	10	10	10	10
	Rated short-circuit breaking capacity (kA)	10	10	10	10	10	10	10	10	10	10
6	Rated short-circuit breaking capacity (kA)	10	10	10	10	10	10	10	10	10	10
	Rated short-circuit breaking capacity (kA)	10	10	10	10	10	10	10	10	10	10
7	Rated short-circuit breaking capacity (kA)	10	10	10	10	10	10	10	10	10	10
	Rated short-circuit breaking capacity (kA)	10	10	10	10	10	10	10	10	10	10
8	Rated short-circuit breaking capacity (kA)	10	10	10	10	10	10	10	10	10	10
	Rated short-circuit breaking capacity (kA)	10	10	10	10	10	10	10	10	10	10
9	Rated short-circuit breaking capacity (kA)	10	10	10	10	10	10	10	10	10	10
	Rated short-circuit breaking capacity (kA)	10	10	10	10	10	10	10	10	10	10
10	Rated short-circuit breaking capacity (kA)	10	10	10	10	10	10	10	10	10	10
	Rated short-circuit breaking capacity (kA)	10	10	10	10	10	10	10	10	10	10

Technical overview and specifications table for the ZKZ2 series MCCB range.

Electrical Characteristics

Parameter	Details
Rated Frequency	50/60Hz
Rated Working Voltage	Up to 690V AC
Poles	3P, 4P
Reference Temperature	+40°C
Tripping Setting	10In (AC-3: 12In)
Compliance	GB/T 14048.2, IEC 60947-2
Series Range	ZKZ2-63, ZKZ2-100, ZKZ2-225, ZKZ2-400, ZKZ2-630, ZKZ2-800

Features & Accessories

Supported Accessories

- Auxiliary contact
- Shunt release
- Alarm contact
- Under-voltage release
- Electrical operating mechanism
- Rotary handle operating mechanism

Connection Modes

Front panel wiring • Plug-in type