

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 motor starting and other applications. The rated breaking capacity is 100kA and 100kA. The rated short-circuit capacity is 100kA and 100kA. The rated making capacity is 100kA and 100kA. The rated breaking capacity is 100kA and 100kA. The rated short-circuit capacity is 100kA and 100kA. The rated making capacity is 100kA and 100kA.

Item	Symbol	Unit	Rated current (In)									
			63	100	160	250	400	630	800	1000	1600	2500
Rated current	In	A	63	100	160	250	400	630	800	1000	1600	2500
Rated voltage	Ue	V	690	690	690	690	690	690	690	690	690	690
Rated breaking capacity	Icu	kA	100	100	100	100	100	100	100	100	100	100
Rated short-circuit capacity	Isc	kA	100	100	100	100	100	100	100	100	100	100
Rated making capacity	Ims	kA	100	100	100	100	100	100	100	100	100	100
Rated breaking capacity at 50Hz	Icu50	kA	100	100	100	100	100	100	100	100	100	100
Rated breaking capacity at 60Hz	Icu60	kA	100	100	100	100	100	100	100	100	100	100
Rated short-circuit capacity at 50Hz	Isc50	kA	100	100	100	100	100	100	100	100	100	100
Rated short-circuit capacity at 60Hz	Isc60	kA	100	100	100	100	100	100	100	100	100	100
Rated making capacity at 50Hz	Ims50	kA	100	100	100	100	100	100	100	100	100	100
Rated making capacity at 60Hz	Ims60	kA	100	100	100	100	100	100	100	100	100	100
Rated breaking capacity at 50Hz/60Hz	Icu50/60	kA	100	100	100	100	100	100	100	100	100	100
Rated short-circuit capacity at 50Hz/60Hz	Isc50/60	kA	100	100	100	100	100	100	100	100	100	100
Rated making capacity at 50Hz/60Hz	Ims50/60	kA	100	100	100	100	100	100	100	100	100	100
Rated breaking capacity at 50Hz/60Hz (100kV)	Icu50/60(100kV)	kA	100	100	100	100	100	100	100	100	100	100
Rated short-circuit capacity at 50Hz/60Hz (100kV)	Isc50/60(100kV)	kA	100	100	100	100	100	100	100	100	100	100
Rated making capacity at 50Hz/60Hz (100kV)	Ims50/60(100kV)	kA	100	100	100	100	100	100	100	100	100	100
Rated breaking capacity at 50Hz/60Hz (100kV) (100kV)	Icu50/60(100kV)(100kV)	kA	100	100	100	100	100	100	100	100	100	100
Rated short-circuit capacity at 50Hz/60Hz (100kV) (100kV)	Isc50/60(100kV)(100kV)	kA	100	100	100	100	100	100	100	100	100	100
Rated making capacity at 50Hz/60Hz (100kV) (100kV)	Ims50/60(100kV)(100kV)	kA	100	100	100	100	100	100	100	100	100	100

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