

KWB9-63M-DC Series

Miniature Circuit Breaker

Standard	IEC/EN 60947-2
Breaking capacity(kA)	6
Protection	Against overload and short circuit
Rated current(A) In	1,2,4,6,10,16,20,25,32,40,50,63
Rated voltage(V)	1P DC 120;2P DC 240
Operational volatge(V)	Min.:12
Ambient temperature (°C)	-25~+40,Max.95%humidity
Thermal operating limit	1.05 xIn No tripping within an hour
	1.3 xIn Tripping within an hour
Magnertic operating	(8-12)xIn
Number of poles	1P,2P
Type of trip	Thermal/ magnetic release
Terminal capacity	16mm ² flexible or 25mm ² rigid
Protection degree	IP20
Installation	Mounting on 35mm DIN rail
Width	18mm per pole
Certification	  



KWB9-63M-DC-1P



KWB9-63M-DC-2P

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	Rated current(A)	DC type	Packing unit
 <p>KWB9-63M-DC-1P</p>	1	KWB9-63M/1-DC1	12
	2	KWB9-63M/1-DC2	
	4	KWB9-63M/1-DC4	
	6	KWB9-63M/1-DC6	
	10	KWB9-63M/1-DC10	
	16	KWB9-63M/1-DC16	
	20	KWB9-63M/1-DC20	
	25	KWB9-63M/1-DC25	
	32	KWB9-63M/1-DC32	
	40	KWB9-63M/1-DC40	
	50	KWB9-63M/1-DC50	
	63	KWB9-63M/1-DC63	
 <p>KWB9-63M-DC-2P</p>	1	KWB9-63M/2-DC1	6
	2	KWB9-63M/2-DC2	
	4	KWB9-63M/2-DC4	
	6	KWB9-63M/2-DC6	
	10	KWB9-63M/2-DC10	
	16	KWB9-63M/2-DC16	
	20	KWB9-63M/2-DC20	
	25	KWB9-63M/2-DC25	
	32	KWB9-63M/2-DC32	
	40	KWB9-63M/2-DC40	
	50	KWB9-63M/2-DC50	
	63	KWB9-63M/2-DC63	

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Overcurrent protecting characteristics

NO.	Rated current of release(A)	Initial state	Test current	Specified time	Result to be obtained	Remarks	Reference Temperature
1	1-63	Cold state	1.05In	t≥1h	No-trip		30°C±2°C
2	1-63	Upon the previous test	1.30In	t<1h	Trip	Setting current up to specified value steadily in 5s	
3	In≤32 In>32	Cold state	2.55In	1s<t<60s 1s<t<120s	Trip		
	1-63	Cold state	8In 12In	t≥0.2s t<0.2s	No-trip trip	li=10In	

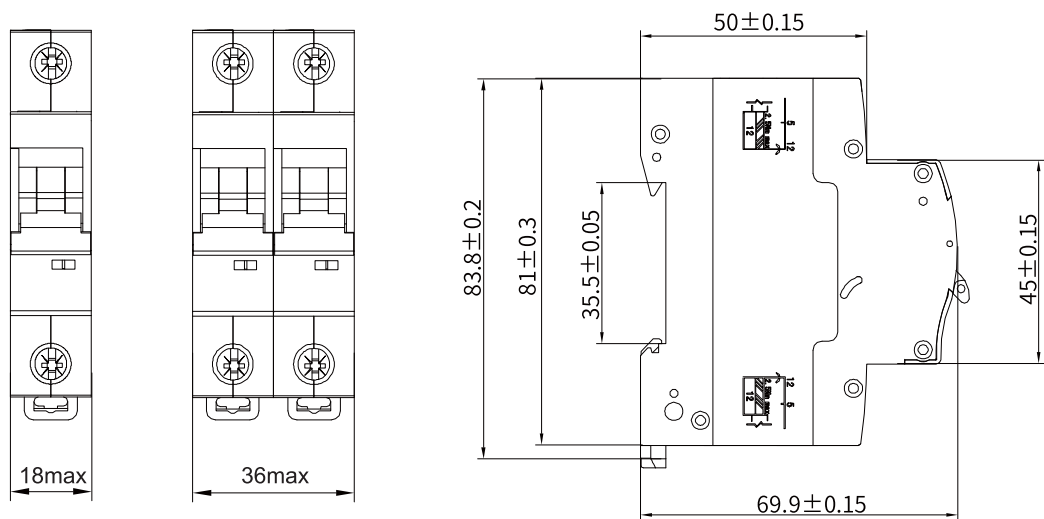
Endurance(operations)

Category	Operations	Operation frequency	Rated current
Electrical endurance	1500	240/h	1-32
		120/h	40-63
Mechanical endurance	8500	240/h	1-63

Features

Much higher short circuit breaking capacity, Dual-connection convenient for both standard busbar and conductor connection. Improved safety of operators offered by special design from terminals. Much longer service life thanks to energy-storage operating mechanism.Enclosure and functional parts made from imported plastics with flame-retardant, heat-resistant, and impulse-proof properties.Higher current-limiting capacity ensuring a cost-effective range of products. Different handle color for different rated current with contactor condition indicator.

Overall and mounting dimensions



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