

KWB9-63M/H Series

Miniature Circuit Breaker

Standard	IEC/EN 60898-1
Breaking capacity(kA)	6,10
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 AC 230/400,240/415
	2P,3P,4P AC 400/415
Rated impulse withstand voltage Uimp(kV)	4
Rated insulation voltage Ui(V)	500
Energy limiting class	3
Ambient temperature (°C)	-25~+40,Max.95%humidity
Thermal operating limit	1.13 xIn No tripping within an hour
	1.45 xIn Tripping within an hour
Magnertic operating	B:(3-5)xIn,C:(5-10)xIn,D:(10-20)xIn
Number of poles	1P,2P,3P and 4P
Type of trip	Thermal/ magnetic release
Terminal capacity	16mm² flexible or 25mm² rigid
Protection degree	IP20
Installation	Mounting on 35mm DIN rail
Width	18mm per pole
Certification	  



KWB9-63H-1P



KWB9-63H-2P



KWB9-63H-3P



KWB9-63H-4P

KWB9-63M Series

Miniature Circuit Breaker

	Rated current(A)	B curve	C curve	D curve	Packing unit
 <p>KWB9-63M-1P</p>	1	KWB9-63M/1-B1	KWB9-63M/1-C1	KWB9-63M/1-D1	12
	2	KWB9-63M/1-B2	KWB9-63M/1-C2	KWB9-63M/1-D2	
	4	KWB9-63M/1-B4	KWB9-63M/1-C4	KWB9-63M/1-D4	
	6	KWB9-63M/1-B6	KWB9-63M/1-C6	KWB9-63M/1-D6	
	10	KWB9-63M/1-B10	KWB9-63M/1-C10	KWB9-63M/1-D10	
	16	KWB9-63M/1-B16	KWB9-63M/1-C16	KWB9-63M/1-D16	
	20	KWB9-63M/1-B20	KWB9-63M/1-C20	KWB9-63M/1-D20	
	25	KWB9-63M/1-B25	KWB9-63M/1-C25	KWB9-63M/1-D25	
	32	KWB9-63M/1-B32	KWB9-63M/1-C32	KWB9-63M/1-D32	
	40	KWB9-63M/1-B40	KWB9-63M/1-C40	KWB9-63M/1-D40	
	50	KWB9-63M/1-B50	KWB9-63M/1-C50	KWB9-63M/1-D50	
	63	KWB9-63M/1-B63	KWB9-63M/1-C63	KWB9-63M/1-D63	
 <p>KWB9-63M-2P</p>	1	KWB9-63M/2-B1	KWB9-63M/2-C1	KWB9-63M/2-D1	6
	2	KWB9-63M/2-B2	KWB9-63M/2-C2	KWB9-63M/2-D2	
	4	KWB9-63M/2-B4	KWB9-63M/2-C4	KWB9-63M/2-D4	
	6	KWB9-63M/2-B6	KWB9-63M/2-C6	KWB9-63M/2-D6	
	10	KWB9-63M/2-B10	KWB9-63M/2-C10	KWB9-63M/2-D10	
	16	KWB9-63M/2-B16	KWB9-63M/2-C16	KWB9-63M/2-D16	
	20	KWB9-63M/2-B20	KWB9-63M/2-C20	KWB9-63M/2-D20	
	25	KWB9-63M/2-B25	KWB9-63M/2-C25	KWB9-63M/2-D25	
	32	KWB9-63M/2-B32	KWB9-63M/2-C32	KWB9-63M/2-D32	
	40	KWB9-63M/2-B40	KWB9-63M/2-C40	KWB9-63M/2-D40	
	50	KWB9-63M/2-B50	KWB9-63M/2-C50	KWB9-63M/2-D50	
	63	KWB9-63M/2-B63	KWB9-63M/2-C63	KWB9-63M/2-D63	

KWB9-63M Series

Miniature Circuit Breaker

	Rated current(A)	B curve	C curve	D curve	Packing unit
 KWB9-63M-3P	1	KWB9-63M/3-B1	KWB9-63M/3-C1	KWB9-63M/1-D1	4
	2	KWB9-63M/3-B2	KWB9-63M/3-C2	KWB9-63M/1-D2	
	4	KWB9-63M/3-B4	KWB9-63M/3-C4	KWB9-63M/1-D4	
	6	KWB9-63M/3-B6	KWB9-63M/3-C6	KWB9-63M/1-D6	
	10	KWB9-63M/3-B10	KWB9-63M/3-C10	KWB9-63M/1-D10	
	16	KWB9-63M/3-B16	KWB9-63M/3-C16	KWB9-63M/1-D16	
	20	KWB9-63M/3-B20	KWB9-63M/3-C20	KWB9-63M/1-D20	
	25	KWB9-63M/3-B25	KWB9-63M/3-C25	KWB9-63M/1-D25	
	32	KWB9-63M/3-B32	KWB9-63M/3-C32	KWB9-63M/1-D32	
	40	KWB9-63M/3-B40	KWB9-63M/3-C40	KWB9-63M/1-D40	
	50	KWB9-63M/3-B50	KWB9-63M/3-C50	KWB9-63M/1-D50	
	63	KWB9-63M/3-B63	KWB9-63M/3-C63	KWB9-63M/1-D63	
 KWB9-63M-4P	1	KWB9-63M/4-B1	KWB9-63M/4-C1	KWB9-63M/4-D1	3
	2	KWB9-63M/4-B2	KWB9-63M/4-C2	KWB9-63M/4-D2	
	4	KWB9-63M/4-B4	KWB9-63M/4-C4	KWB9-63M/4-D4	
	6	KWB9-63M/4-B6	KWB9-63M/4-C6	KWB9-63M/4-D6	
	10	KWB9-63M/4-B10	KWB9-63M/4-C10	KWB9-63M/4-D10	
	16	KWB9-63M/4-B16	KWB9-63M/4-C16	KWB9-63M/4-D16	
	20	KWB9-63M/4-B20	KWB9-63M/4-C20	KWB9-63M/4-D20	
	25	KWB9-63M/4-B25	KWB9-63M/4-C25	KWB9-63M/4-D25	
	32	KWB9-63M/4-B32	KWB9-63M/4-C32	KWB9-63M/4-D32	
	40	KWB9-63M/4-B40	KWB9-63M/4-C40	KWB9-63M/4-D40	
	50	KWB9-63M/4-B50	KWB9-63M/4-C50	KWB9-63M/4-D50	
	63	KWB9-63M/4-B63	KWB9-63M/4-C63	KWB9-63M/4-D63	

KWB9-63H Series

Miniature Circuit Breaker

	Rated current(A)	B curve	C curve	D curve	Packing unit
 <p>KWB9-63H-1P</p>	1	KWB9-63H/1-B1	KWB9-63H/1-C1	KWB9-63H/1-D1	12
	2	KWB9-63H/1-B2	KWB9-63H/1-C2	KWB9-63H/1-D2	
	4	KWB9-63H/1-B4	KWB9-63H/1-C4	KWB9-63H/1-D4	
	6	KWB9-63H/1-B6	KWB9-63H/1-C6	KWB9-63H/1-D6	
	10	KWB9-63H/1-B10	KWB9-63H/1-C10	KWB9-63H/1-D10	
	16	KWB9-63H/1-B16	KWB9-63H/1-C16	KWB9-63H/1-D16	
	20	KWB9-63H/1-B20	KWB9-63H/1-C20	KWB9-63H/1-D20	
	25	KWB9-63H/1-B25	KWB9-63H/1-C25	KWB9-63H/1-D25	
	32	KWB9-63H/1-B32	KWB9-63H/1-C32	KWB9-63H/1-D32	
	40	KWB9-63H/1-B40	KWB9-63H/1-C40	KWB9-63H/1-D40	
	50	KWB9-63H/1-B50	KWB9-63H/1-C50	KWB9-63H/1-D50	
	63	KWB9-63H/1-B63	KWB9-63H/1-C63	KWB9-63H/1-D63	
 <p>KWB9-63H-2P</p>	1	KWB9-63H/2-B1	KWB9-63H/2-C1	KWB9-63H/2-D1	6
	2	KWB9-63H/2-B2	KWB9-63H/2-C2	KWB9-63H/2-D2	
	4	KWB9-63H/2-B4	KWB9-63H/2-C4	KWB9-63H/2-D4	
	6	KWB9-63H/2-B6	KWB9-63H/2-C6	KWB9-63H/2-D6	
	10	KWB9-63H/2-B10	KWB9-63H/2-C10	KWB9-63H/2-D10	
	16	KWB9-63H/2-B16	KWB9-63H/2-C16	KWB9-63H/2-D16	
	20	KWB9-63H/2-B20	KWB9-63H/2-C20	KWB9-63H/2-D20	
	25	KWB9-63H/2-B25	KWB9-63H/2-C25	KWB9-63H/2-D25	
	32	KWB9-63H/2-B32	KWB9-63H/2-C32	KWB9-63H/2-D32	
	40	KWB9-63H/2-B40	KWB9-63H/2-C40	KWB9-63H/2-D40	
	50	KWB9-63H/2-B50	KWB9-63H/2-C50	KWB9-63H/2-D50	
	63	KWB9-63H/2-B63	KWB9-63H/2-C63	KWB9-63H/2-D63	

KWB9-63H Series

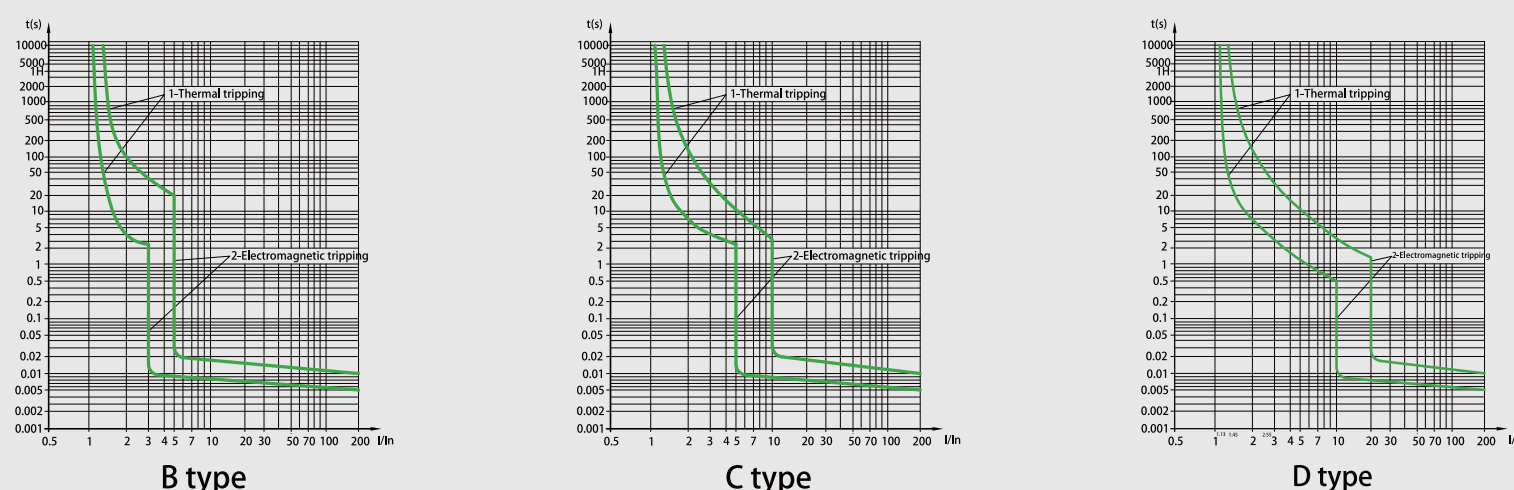
Miniature Circuit Breaker

	Rated current(A)	B curve	C curve	D curve	Packing unit
 KWB9-63H-3P	1	KWB9-63H/3-B1	KWB9-63H/3-C1	KWB9-63H/1-D1	4
	2	KWB9-63H/3-B2	KWB9-63H/3-C2	KWB9-63H/1-D2	
	4	KWB9-63H/3-B4	KWB9-63H/3-C4	KWB9-63H/1-D4	
	6	KWB9-63H/3-B6	KWB9-63H/3-C6	KWB9-63H/1-D6	
	10	KWB9-63H/3-B10	KWB9-63H/3-C10	KWB9-63H/1-D10	
	16	KWB9-63H/3-B16	KWB9-63H/3-C16	KWB9-63H/1-D16	
	20	KWB9-63H/3-B20	KWB9-63H/3-C20	KWB9-63H/1-D20	
	25	KWB9-63H/3-B25	KWB9-63H/3-C25	KWB9-63H/1-D25	
	32	KWB9-63H/3-B32	KWB9-63H/3-C32	KWB9-63H/1-D32	
	40	KWB9-63H/3-B40	KWB9-63H/3-C40	KWB9-63H/1-D40	
	50	KWB9-63H/3-B50	KWB9-63H/3-C50	KWB9-63H/1-D50	
	63	KWB9-63H/3-B63	KWB9-63H/3-C63	KWB9-63H/1-D63	
 KWB9-63H-4P	1	KWB9-63H/4-B1	KWB9-63H/4-C1	KWB9-63H/4-D1	3
	2	KWB9-63H/4-B2	KWB9-63H/4-C2	KWB9-63H/4-D2	
	4	KWB9-63H/4-B4	KWB9-63H/4-C4	KWB9-63H/4-D4	
	6	KWB9-63H/4-B6	KWB9-63H/4-C6	KWB9-63H/4-D6	
	10	KWB9-63H/4-B10	KWB9-63H/4-C10	KWB9-63H/4-D10	
	16	KWB9-63H/4-B16	KWB9-63H/4-C16	KWB9-63H/4-D16	
	20	KWB9-63H/4-B20	KWB9-63H/4-C20	KWB9-63H/4-D20	
	25	KWB9-63H/4-B25	KWB9-63H/4-C25	KWB9-63H/4-D25	
	32	KWB9-63H/4-B32	KWB9-63H/4-C32	KWB9-63H/4-D32	
	40	KWB9-63H/4-B40	KWB9-63H/4-C40	KWB9-63H/4-D40	
	50	KWB9-63H/4-B50	KWB9-63H/4-C50	KWB9-63H/4-D50	
	63	KWB9-63H/4-B63	KWB9-63H/4-C63	KWB9-63H/4-D63	

KWB9-63M/H Series

Miniature Circuit Breaker

Curves



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	1.13In	$t \geq 1h$	No-trip		30°C+5°C
2	1-63	upon the previous test	1.45In	$t < 1h$	trip	Setting current up to specified value steadily in 5s	
3	$In \leq 32$ $In > 32$	cold state	2.55In	$1s < t < 60s$ $1s < t < 120s$	trip		
4	1-63	cold state	3In 5In 5In 10In 10In 20In	$t \geq 0.1s$ $t < 0.1s$ $t \geq 0.1s$ $t < 0.1s$ $t \geq 0.1s$ $t < 0.1s$	No-trip trip No-trip trip No-trip trip	B type B type C type C type D type D type	

Endurance(operations)

Category	Operations	Operation frequency	Rated current
Electrical endurance	4000	240/h	1-32
		120/h	40-63
Mechanical endurance	10000	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

