

KWB9L-63M Series Residual Current Circuit Breakers with Overcurrent Protection

Standard		IEC/EN 61009-1
Breaking capacity(kA)		6
Rated current(A),In		6,10,16,20,25,32,40,50,63
Number of poles		1P+N,2P,3P,3P+N,4P
Rated sensitivity currents(mA),IΔn		10,30,100,300
Tripping curve		B,C,D
Rated residual non-operating current		0.5XIΔn
Rated impulse withstand voltage Uimp(kV)		4
Rated voltage(V)		1P+N, 2P: AC 230/240;3P, 3P+N, 4P:AC 400/415
Ambient temperature (°C)		-25~+40,Max.95%humidity
Residual current off time		≤0.1s
Type of trip	Ground fault	Electronic
	Over current	Thermal-magnetic
Electrical endurance		4000
Mechanical endurance		10000
Terminal capacity		16mm² flexible/25mm² rigid
Protection degree		IP20
Installation		35mm DIN rail
Certification		  CB



KWB9L-63M-1P+N



KWB9L-63M-2P



KWB9L-63M-3P



KWB9L-63M-4P

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	Rated current(A)	$I_{\Delta n}$	Type AC 			Packing unit
			B curve	C curve	D curve	
 <p>Type AC </p>	6	10mA	KWB9L-63M-1-B6N/10	KWB9L-63M-1-C6N/10	KWB9L-63M-1-D6N/10	1
	10		KWB9L-63M-1-B10N/10	KWB9L-63M-1-C10N/10	KWB9L-63M-1-D10N/10	
	16		KWB9L-63M-1-B16N/10	KWB9L-63M-1-C16N/10	KWB9L-63M-1-D16N/10	
	20		KWB9L-63M-1-B20N/10	KWB9L-63M-1-C20N/10	KWB9L-63M-1-D20N/10	
	25		KWB9L-63M-1-B25N/10	KWB9L-63M-1-C25N/10	KWB9L-63M-1-D25N/10	
	32		KWB9L-63M-1-B32N/10	KWB9L-63M-1-C32N/10	KWB9L-63M-1-D32N/10	
	40		KWB9L-63M-1-B40N/10	KWB9L-63M-1-C40N/10	KWB9L-63M-1-D40N/10	
	50		KWB9L-63M-1-B50N/10	KWB9L-63M-1-C50N/10	KWB9L-63M-1-D50N/10	
	63		KWB9L-63M-1-B63N/10	KWB9L-63M-1-C63N/10	KWB9L-63M-1-D63N/10	
	6	30mA	KWB9L-63M-1-B6N/30	KWB9L-63M-1-C6N/30	KWB9L-63M-1-D6N/30	
	10		KWB9L-63M-1-B10N/30	KWB9L-63M-1-C10N/30	KWB9L-63M-1-D10N/30	
	16		KWB9L-63M-1-B16N/30	KWB9L-63M-1-C16N/30	KWB9L-63M-1-D16N/30	
	20		KWB9L-63M-1-B20N/30	KWB9L-63M-1-C20N/30	KWB9L-63M-1-D20N/30	
	25		KWB9L-63M-1-B25N/30	KWB9L-63M-1-C25N/30	KWB9L-63M-1-D25N/30	
	32		KWB9L-63M-1-B32N/30	KWB9L-63M-1-C32N/30	KWB9L-63M-1-D32N/30	
	40		KWB9L-63M-1-B40N/30	KWB9L-63M-1-C40N/30	KWB9L-63M-1-D40N/30	
	50		KWB9L-63M-1-B50N/30	KWB9L-63M-1-C50N/30	KWB9L-63M-1-D50N/30	
	63		KWB9L-63M-1-B63N/30	KWB9L-63M-1-C63N/30	KWB9L-63M-1-D63N/30	
	6	100mA	KWB9L-63M-1-B6N/100	KWB9L-63M-1-C6N/100	KWB9L-63M-1-D6N/100	
	10		KWB9L-63M-1-B10N/100	KWB9L-63M-1-C10N/100	KWB9L-63M-1-D10N/100	
	16		KWB9L-63M-1-B16N/100	KWB9L-63M-1-C16N/100	KWB9L-63M-1-D16N/100	
	20		KWB9L-63M-1-B20N/100	KWB9L-63M-1-C20N/100	KWB9L-63M-1-D20N/100	
	25		KWB9L-63M-1-B25N/100	KWB9L-63M-1-C25N/100	KWB9L-63M-1-D25N/100	
	32		KWB9L-63M-1-B32N/100	KWB9L-63M-1-C32N/100	KWB9L-63M-1-D32N/100	
	40		KWB9L-63M-1-B40N/100	KWB9L-63M-1-C40N/100	KWB9L-63M-1-D40N/100	
	50		KWB9L-63M-1-B50N/100	KWB9L-63M-1-C50N/100	KWB9L-63M-1-D50N/100	
	63		KWB9L-63M-1-B63N/100	KWB9L-63M-1-C63N/100	KWB9L-63M-1-D63N/100	
	6	300mA	KWB9L-63M-1-B6N/300	KWB9L-63M-1-C6N/300	KWB9L-63M-1-D6N/300	
	10		KWB9L-63M-1-B10N/300	KWB9L-63M-1-C10N/300	KWB9L-63M-1-D10N/300	
	16		KWB9L-63M-1-B16N/300	KWB9L-63M-1-C16N/300	KWB9L-63M-1-D16N/300	
	20		KWB9L-63M-1-B20N/300	KWB9L-63M-1-C20N/300	KWB9L-63M-1-D20N/300	
	25		KWB9L-63M-1-B25N/300	KWB9L-63M-1-C25N/300	KWB9L-63M-1-D25N/300	
	32		KWB9L-63M-1-B32N/300	KWB9L-63M-1-C32N/300	KWB9L-63M-1-D32N/300	
	40		KWB9L-63M-1-B40N/300	KWB9L-63M-1-C40N/300	KWB9L-63M-1-D40N/300	
	50		KWB9L-63M-1-B50N/300	KWB9L-63M-1-C50N/300	KWB9L-63M-1-D50N/300	
	63		KWB9L-63M-1-B63N/300	KWB9L-63M-1-C63N/300	KWB9L-63M-1-D63N/300	

KWB9L-63M Series Residual Current Circuit Breakers with Overcurrent Protection

	Rated current(A)	I Δ n	Type AC 			Packing unit
			B curve	C curve	D curve	
 Type AC 	6	10mA	KWB9L-63M-2-B6/10	KWB9L-63M-2-C6/10	KWB9L-63M-2-D6/10	1
	10		KWB9L-63M-2-B10/10	KWB9L-63M-2-C10/10	KWB9L-63M-2-D10/10	
	16		KWB9L-63M-2-B16/10	KWB9L-63M-2-C16/10	KWB9L-63M-2-D16/10	
	20		KWB9L-63M-2-B20/10	KWB9L-63M-2-C20/10	KWB9L-63M-2-D20/10	
	25		KWB9L-63M-2-B25/10	KWB9L-63M-2-C25/10	KWB9L-63M-2-D25/10	
	32		KWB9L-63M-2-B32/10	KWB9L-63M-2-C32/10	KWB9L-63M-2-D32/10	
	40		KWB9L-63M-2-B40/10	KWB9L-63M-2-C40/10	KWB9L-63M-2-D40/10	
	50		KWB9L-63M-2-B50/10	KWB9L-63M-2-C50/10	KWB9L-63M-2-D50/10	
	63		KWB9L-63M-2-B63/10	KWB9L-63M-2-C63/10	KWB9L-63M-2-D63/10	
	6	30mA	KWB9L-63M-2-B6/30	KWB9L-63M-2-C6/30	KWB9L-63M-2-D6/30	
	10		KWB9L-63M-2-B10/30	KWB9L-63M-2-C10/30	KWB9L-63M-2-D10/30	
	16		KWB9L-63M-2-B16/30	KWB9L-63M-2-C16/30	KWB9L-63M-2-D16/30	
	20		KWB9L-63M-2-B20/30	KWB9L-63M-2-C20/30	KWB9L-63M-2-D20/30	
	25		KWB9L-63M-2-B25/30	KWB9L-63M-2-C25/30	KWB9L-63M-2-D25/30	
	32		KWB9L-63M-2-B32/30	KWB9L-63M-2-C32/30	KWB9L-63M-2-D32/30	
	40		KWB9L-63M-2-B40/30	KWB9L-63M-2-C40/30	KWB9L-63M-2-D40/30	
	50		KWB9L-63M-2-B50/30	KWB9L-63M-2-C50/30	KWB9L-63M-2-D50/30	
	63		KWB9L-63M-2-B63/30	KWB9L-63M-2-C63/30	KWB9L-63M-2-D63/30	
	6	100mA	KWB9L-63M-2-B6/100	KWB9L-63M-2-C6/100	KWB9L-63M-2-D6/100	
	10		KWB9L-63M-2-B10/100	KWB9L-63M-2-C10/100	KWB9L-63M-2-D10/100	
	16		KWB9L-63M-2-B16/100	KWB9L-63M-2-C16/100	KWB9L-63M-2-D16/100	
	20		KWB9L-63M-2-B20/100	KWB9L-63M-2-C20/100	KWB9L-63M-2-D20/100	
	25		KWB9L-63M-2-B25/100	KWB9L-63M-2-C25/100	KWB9L-63M-2-D25/100	
	32		KWB9L-63M-2-B32/100	KWB9L-63M-2-C32/100	KWB9L-63M-2-D32/100	
	40		KWB9L-63M-2-B40/100	KWB9L-63M-2-C40/100	KWB9L-63M-2-D40/100	
	50		KWB9L-63M-2-B50/100	KWB9L-63M-2-C50/100	KWB9L-63M-2-D50/100	
	63		KWB9L-63M-2-B63/100	KWB9L-63M-2-C63/100	KWB9L-63M-2-D63/100	
	6	300mA	KWB9L-63M-2-B6/300	KWB9L-63M-2-C6/300	KWB9L-63M-2-D6/300	
	10		KWB9L-63M-2-B10/300	KWB9L-63M-2-C10/300	KWB9L-63M-2-D10/300	
	16		KWB9L-63M-2-B16/300	KWB9L-63M-2-C16/300	KWB9L-63M-2-D16/300	
	20		KWB9L-63M-2-B20/300	KWB9L-63M-2-C20/300	KWB9L-63M-2-D20/300	
	25		KWB9L-63M-2-B25/300	KWB9L-63M-2-C25/300	KWB9L-63M-2-D25/300	
	32		KWB9L-63M-2-B32/300	KWB9L-63M-2-C32/300	KWB9L-63M-2-D32/300	
	40		KWB9L-63M-2-B40/300	KWB9L-63M-2-C40/300	KWB9L-63M-2-D40/300	
	50		KWB9L-63M-2-B50/300	KWB9L-63M-2-C50/300	KWB9L-63M-2-D50/300	
	63		KWB9L-63M-2-B63/300	KWB9L-63M-2-C63/300	KWB9L-63M-2-D63/300	

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	Rated current(A)	IΔn	Type AC 			Packing unit
			B curve	C curve	D curve	
 Type AC 	6	10mA	KWB9L-63M-3-B6/10	KWB9L-63M-3-C6/10	KWB9L-63M-3-D6/10	1
	10		KWB9L-63M-3-B10/10	KWB9L-63M-3-C10/10	KWB9L-63M-3-D10/10	
	16		KWB9L-63M-3-B16/10	KWB9L-63M-3-C16/10	KWB9L-63M-3-D16/10	
	20		KWB9L-63M-3-B20/10	KWB9L-63M-3-C20/10	KWB9L-63M-3-D20/10	
	25		KWB9L-63M-3-B25/10	KWB9L-63M-3-C25/10	KWB9L-63M-3-D25/10	
	32		KWB9L-63M-3-B32/10	KWB9L-63M-3-C32/10	KWB9L-63M-3-D32/10	
	40		KWB9L-63M-3-B40/10	KWB9L-63M-3-C40/10	KWB9L-63M-3-D40/10	
	50		KWB9L-63M-3-B50/10	KWB9L-63M-3-C50/10	KWB9L-63M-3-D50/10	
	63		KWB9L-63M-3-B63/10	KWB9L-63M-3-C63/10	KWB9L-63M-3-D63/10	
	6	30mA	KWB9L-63M-3-B6/30	KWB9L-63M-3-C6/30	KWB9L-63M-3-D6/30	
	10		KWB9L-63M-3-B10/30	KWB9L-63M-3-C10/30	KWB9L-63M-3-D10/30	
	16		KWB9L-63M-3-B16/30	KWB9L-63M-3-C16/30	KWB9L-63M-3-D16/30	
	20		KWB9L-63M-3-B20/30	KWB9L-63M-3-C20/30	KWB9L-63M-3-D20/30	
	25		KWB9L-63M-3-B25/30	KWB9L-63M-3-C25/30	KWB9L-63M-3-D25/30	
	32		KWB9L-63M-3-B32/30	KWB9L-63M-3-C32/30	KWB9L-63M-3-D32/30	
	40		KWB9L-63M-3-B40/30	KWB9L-63M-3-C40/30	KWB9L-63M-3-D40/30	
	50		KWB9L-63M-3-B50/30	KWB9L-63M-3-C50/30	KWB9L-63M-3-D50/30	
	63		KWB9L-63M-3-B63/30	KWB9L-63M-3-C63/30	KWB9L-63M-3-D63/30	
	6	100mA	KWB9L-63M-3-B6/100	KWB9L-63M-3-C6/100	KWB9L-63M-3-D6/100	
	10		KWB9L-63M-3-B10/100	KWB9L-63M-3-C10/100	KWB9L-63M-3-D10/100	
	16		KWB9L-63M-3-B16/100	KWB9L-63M-3-C16/100	KWB9L-63M-3-D16/100	
	20		KWB9L-63M-3-B20/100	KWB9L-63M-3-C20/100	KWB9L-63M-3-D20/100	
	25		KWB9L-63M-3-B25/100	KWB9L-63M-3-C25/100	KWB9L-63M-3-D25/100	
	32		KWB9L-63M-3-B32/100	KWB9L-63M-3-C32/100	KWB9L-63M-3-D32/100	
	40		KWB9L-63M-3-B40/100	KWB9L-63M-3-C40/100	KWB9L-63M-3-D40/100	
	50		KWB9L-63M-3-B50/100	KWB9L-63M-3-C50/100	KWB9L-63M-3-D50/100	
	63		KWB9L-63M-3-B63/100	KWB9L-63M-3-C63/100	KWB9L-63M-3-D63/100	
	6	300mA	KWB9L-63M-3-B6/300	KWB9L-63M-3-C6/300	KWB9L-63M-3-D6/300	
	10		KWB9L-63M-3-B10/300	KWB9L-63M-3-C10/300	KWB9L-63M-3-D10/300	
	16		KWB9L-63M-3-B16/300	KWB9L-63M-3-C16/300	KWB9L-63M-3-D16/300	
	20		KWB9L-63M-3-B20/300	KWB9L-63M-3-C20/300	KWB9L-63M-3-D20/300	
	25		KWB9L-63M-3-B25/300	KWB9L-63M-3-C25/300	KWB9L-63M-3-D25/300	
	32		KWB9L-63M-3-B32/300	KWB9L-63M-3-C32/300	KWB9L-63M-3-D32/300	
	40		KWB9L-63M-3-B40/300	KWB9L-63M-3-C40/300	KWB9L-63M-3-D40/300	
	50		KWB9L-63M-3-B50/300	KWB9L-63M-3-C50/300	KWB9L-63M-3-D50/300	
	63		KWB9L-63M-3-B63/300	KWB9L-63M-3-C63/300	KWB9L-63M-3-D63/300	

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	Rated current(A)	I Δ n	Type AC 			Packing unit
			B curve	C curve	D curve	
 Type AC 	6	10mA	KWB9L-63M-3-B6N/10	KWB9L-63M-3-C6N/10	KWB9L-63M-3-D6N/10	1
	10		KWB9L-63M-3-B10N/10	KWB9L-63M-3-C10N/10	KWB9L-63M-3-D10N/10	
	16		KWB9L-63M-3-B16N/10	KWB9L-63M-3-C16N/10	KWB9L-63M-3-D16N/10	
	20		KWB9L-63M-3-B20N/10	KWB9L-63M-3-C20N/10	KWB9L-63M-3-D20N/10	
	25		KWB9L-63M-3-B25N/10	KWB9L-63M-3-C25N/10	KWB9L-63M-3-D25N/10	
	32		KWB9L-63M-3-B32N/10	KWB9L-63M-3-C32N/10	KWB9L-63M-3-D32N/10	
	40		KWB9L-63M-3-B40N/10	KWB9L-63M-3-C40N/10	KWB9L-63M-3-D40N/10	
	50		KWB9L-63M-3-B50N/10	KWB9L-63M-3-C50N/10	KWB9L-63M-3-D50N/10	
	63		KWB9L-63M-3-B63N/10	KWB9L-63M-3-C63N/10	KWB9L-63M-3-D63N/10	
	6	30mA	KWB9L-63M-3-B6N/30	KWB9L-63M-3-C6N/30	KWB9L-63M-3-D6N/30	
	10		KWB9L-63M-3-B10N/30	KWB9L-63M-3-C10N/30	KWB9L-63M-3-D10N/30	
	16		KWB9L-63M-3-B16N/30	KWB9L-63M-3-C16N/30	KWB9L-63M-3-D16N/30	
	20		KWB9L-63M-3-B20N/30	KWB9L-63M-3-C20N/30	KWB9L-63M-3-D20N/30	
	25		KWB9L-63M-3-B25N/30	KWB9L-63M-3-C25N/30	KWB9L-63M-3-D25N/30	
	32		KWB9L-63M-3-B32N/30	KWB9L-63M-3-C32N/30	KWB9L-63M-3-D32N/30	
	40		KWB9L-63M-3-B40N/30	KWB9L-63M-3-C40N/30	KWB9L-63M-3-D40N/30	
	50		KWB9L-63M-3-B50N/30	KWB9L-63M-3-C50N/30	KWB9L-63M-3-D50N/30	
	63		KWB9L-63M-3-B63N/30	KWB9L-63M-3-C63N/30	KWB9L-63M-3-D63N/30	
	6	100mA	KWB9L-63M-3-B6N/100	KWB9L-63M-3-C6N/100	KWB9L-63M-3-D6N/100	
	10		KWB9L-63M-3-B10N/100	KWB9L-63M-3-C10N/100	KWB9L-63M-3-D10N/100	
	16		KWB9L-63M-3-B16N/100	KWB9L-63M-3-C16N/100	KWB9L-63M-3-D16N/100	
	20		KWB9L-63M-3-B20N/100	KWB9L-63M-3-C20N/100	KWB9L-63M-3-D20N/100	
	25		KWB9L-63M-3-B25N/100	KWB9L-63M-3-C25N/100	KWB9L-63M-3-D25N/100	
	32		KWB9L-63M-3-B32N/100	KWB9L-63M-3-C32N/100	KWB9L-63M-3-D32N/100	
	40		KWB9L-63M-3-B40N/100	KWB9L-63M-3-C40N/100	KWB9L-63M-3-D40N/100	
	50		KWB9L-63M-3-B50N/100	KWB9L-63M-3-C50N/100	KWB9L-63M-3-D50N/100	
	63		KWB9L-63M-3-B63N/100	KWB9L-63M-3-C63N/100	KWB9L-63M-3-D63N/100	
	6	300mA	KWB9L-63M-3-B6N/300	KWB9L-63M-3-C6N/300	KWB9L-63M-3-D6N/300	
	10		KWB9L-63M-3-B10N/300	KWB9L-63M-3-C10N/300	KWB9L-63M-3-D10N/300	
	16		KWB9L-63M-3-B16N/300	KWB9L-63M-3-C16N/300	KWB9L-63M-3-D16N/300	
	20		KWB9L-63M-3-B20N/300	KWB9L-63M-3-C20N/300	KWB9L-63M-3-D20N/300	
	25		KWB9L-63M-3-B25N/300	KWB9L-63M-3-C25N/300	KWB9L-63M-3-D25N/300	
	32		KWB9L-63M-3-B32N/300	KWB9L-63M-3-C32N/300	KWB9L-63M-3-D32N/300	
	40		KWB9L-63M-3-B40N/300	KWB9L-63M-3-C40N/300	KWB9L-63M-3-D40N/300	
	50		KWB9L-63M-3-B50N/300	KWB9L-63M-3-C50N/300	KWB9L-63M-3-D50N/300	
	63		KWB9L-63M-3-B63N/300	KWB9L-63M-3-C63N/300	KWB9L-63M-3-D63N/300	

KWB9L-63M Series Residual Current Circuit Breakers with Overcurrent Protection

	Rated current(A)	$I_{\Delta n}$	Type AC 			Packing unit
			B curve	C curve	D curve	
 <p>Type AC </p>	6	10mA	KWB9L-63M-4-B6/10	KWB9L-63M-4-C6/10	KWB9L-63M-4-D6/10	1
	10		KWB9L-63M-4-B10/10	KWB9L-63M-4-C10/10	KWB9L-63M-4-D10/10	
	16		KWB9L-63M-4-B16/10	KWB9L-63M-4-C16/10	KWB9L-63M-4-D16/10	
	20		KWB9L-63M-4-B20/10	KWB9L-63M-4-C20/10	KWB9L-63M-4-D20/10	
	25		KWB9L-63M-4-B25/10	KWB9L-63M-4-C25/10	KWB9L-63M-4-D25/10	
	32		KWB9L-63M-4-B32/10	KWB9L-63M-4-C32/10	KWB9L-63M-4-D32/10	
	40		KWB9L-63M-4-B40/10	KWB9L-63M-4-C40/10	KWB9L-63M-4-D40/10	
	50		KWB9L-63M-4-B50/10	KWB9L-63M-4-C50/10	KWB9L-63M-4-D50/10	
	63		KWB9L-63M-4-B63/10	KWB9L-63M-4-C63/10	KWB9L-63M-4-D63/10	
	6	30mA	KWB9L-63M-4-B6/30	KWB9L-63M-4-C6/30	KWB9L-63M-4-D6/30	
	10		KWB9L-63M-4-B10/30	KWB9L-63M-4-C10/30	KWB9L-63M-4-D10/30	
	16		KWB9L-63M-4-B16/30	KWB9L-63M-4-C16/30	KWB9L-63M-4-D16/30	
	20		KWB9L-63M-4-B20/30	KWB9L-63M-4-C20/30	KWB9L-63M-4-D20/30	
	25		KWB9L-63M-4-B25/30	KWB9L-63M-4-C25/30	KWB9L-63M-4-D25/30	
	32		KWB9L-63M-4-B32/30	KWB9L-63M-4-C32/30	KWB9L-63M-4-D32/30	
	40		KWB9L-63M-4-B40/30	KWB9L-63M-4-C40/30	KWB9L-63M-4-D40/30	
	50		KWB9L-63M-4-B50/30	KWB9L-63M-4-C50/30	KWB9L-63M-4-D50/30	
	63		KWB9L-63M-4-B63/30	KWB9L-63M-4-C63/30	KWB9L-63M-4-D63/30	
	6	100mA	KWB9L-63M-4-B6/100	KWB9L-63M-4-C6/100	KWB9L-63M-4-D6/100	
	10		KWB9L-63M-4-B10/100	KWB9L-63M-4-C10/100	KWB9L-63M-4-D10/100	
	16		KWB9L-63M-4-B16/100	KWB9L-63M-4-C16/100	KWB9L-63M-4-D16/100	
	20		KWB9L-63M-4-B20/100	KWB9L-63M-4-C20/100	KWB9L-63M-4-D20/100	
	25		KWB9L-63M-4-B25/100	KWB9L-63M-4-C25/100	KWB9L-63M-4-D25/100	
	32		KWB9L-63M-4-B32/100	KWB9L-63M-4-C32/100	KWB9L-63M-4-D32/100	
	40		KWB9L-63M-4-B40/100	KWB9L-63M-4-C40/100	KWB9L-63M-4-D40/100	
	50		KWB9L-63M-4-B50/100	KWB9L-63M-4-C50/100	KWB9L-63M-4-D50/100	
	63		KWB9L-63M-4-B63/100	KWB9L-63M-4-C63/100	KWB9L-63M-4-D63/100	
	6	300mA	KWB9L-63M-4-B6/300	KWB9L-63M-4-C6/300	KWB9L-63M-4-D6/300	
	10		KWB9L-63M-4-B10/300	KWB9L-63M-4-C10/300	KWB9L-63M-4-D10/300	
	16		KWB9L-63M-4-B16/300	KWB9L-63M-4-C16/300	KWB9L-63M-4-D16/300	
	20		KWB9L-63M-4-B20/300	KWB9L-63M-4-C20/300	KWB9L-63M-4-D20/300	
	25		KWB9L-63M-4-B25/300	KWB9L-63M-4-C25/300	KWB9L-63M-4-D25/300	
	32		KWB9L-63M-4-B32/300	KWB9L-63M-4-C32/300	KWB9L-63M-4-D32/300	
	40		KWB9L-63M-4-B40/300	KWB9L-63M-4-C40/300	KWB9L-63M-4-D40/300	
	50		KWB9L-63M-4-B50/300	KWB9L-63M-4-C50/300	KWB9L-63M-4-D50/300	
	63		KWB9L-63M-4-B63/300	KWB9L-63M-4-C63/300	KWB9L-63M-4-D63/300	

KWB9L-63M Series Residual Current Circuit Breakers with Overcurrent Protection

	Rated current(A)	$I_{\Delta n}$	Type A 			Packing unit
			B curve	C curve	D curve	
	6	10mA	KWB9L-63M-1-B6N/10-A	KWB9L-63M-1-C6N/10-A	KWB9L-63M-1-D6N/10-A	1
	10		KWB9L-63M-1-B10N/10-A	KWB9L-63M-1-C10N/10-A	KWB9L-63M-1-D10N/10-A	
	16		KWB9L-63M-1-B16N/10-A	KWB9L-63M-1-C16N/10-A	KWB9L-63M-1-D16N/10-A	
	20		KWB9L-63M-1-B20N/10-A	KWB9L-63M-1-C20N/10-A	KWB9L-63M-1-D20N/10-A	
	25		KWB9L-63M-1-B25N/10-A	KWB9L-63M-1-C25N/10-A	KWB9L-63M-1-D25N/10-A	
	32		KWB9L-63M-1-B32N/10-A	KWB9L-63M-1-C32N/10-A	KWB9L-63M-1-D32N/10-A	
	40		KWB9L-63M-1-B40N/10-A	KWB9L-63M-1-C40N/10-A	KWB9L-63M-1-D40N/10-A	
	50		KWB9L-63M-1-B50N/10-A	KWB9L-63M-1-C50N/10-A	KWB9L-63M-1-D50N/10-A	
	63		KWB9L-63M-1-B63N/10-A	KWB9L-63M-1-C63N/10-A	KWB9L-63M-1-D63N/10-A	
	6	30mA	KWB9L-63M-1-B6N/30-A	KWB9L-63M-1-C6N/30-A	KWB9L-63M-1-D6N/30-A	
	10		KWB9L-63M-1-B10N/30-A	KWB9L-63M-1-C10N/30-A	KWB9L-63M-1-D10N/30-A	
	16		KWB9L-63M-1-B16N/30-A	KWB9L-63M-1-C16N/30-A	KWB9L-63M-1-D16N/30-A	
	20		KWB9L-63M-1-B20N/30-A	KWB9L-63M-1-C20N/30-A	KWB9L-63M-1-D20N/30-A	
	25		KWB9L-63M-1-B25N/30-A	KWB9L-63M-1-C25N/30-A	KWB9L-63M-1-D25N/30-A	
	32		KWB9L-63M-1-B32N/30-A	KWB9L-63M-1-C32N/30-A	KWB9L-63M-1-D32N/30-A	
	40		KWB9L-63M-1-B40N/30-A	KWB9L-63M-1-C40N/30-A	KWB9L-63M-1-D40N/30-A	
	50		KWB9L-63M-1-B50N/30-A	KWB9L-63M-1-C50N/30-A	KWB9L-63M-1-D50N/30-A	
	63		KWB9L-63M-1-B63N/30-A	KWB9L-63M-1-C63N/30-A	KWB9L-63M-1-D63N/30-A	
	6	100mA	KWB9L-63M-1-B6N/100-A	KWB9L-63M-1-C6N/100-A	KWB9L-63M-1-D6N/100-A	
	10		KWB9L-63M-1-B10N/100-A	KWB9L-63M-1-C10N/100-A	KWB9L-63M-1-D10N/100-A	
	16		KWB9L-63M-1-B16N/100-A	KWB9L-63M-1-C16N/100-A	KWB9L-63M-1-D16N/100-A	
	20		KWB9L-63M-1-B20N/100-A	KWB9L-63M-1-C20N/100-A	KWB9L-63M-1-D20N/100-A	
	25		KWB9L-63M-1-B25N/100-A	KWB9L-63M-1-C25N/100-A	KWB9L-63M-1-D25N/100-A	
	32		KWB9L-63M-1-B32N/100-A	KWB9L-63M-1-C32N/100-A	KWB9L-63M-1-D32N/100-A	
	40		KWB9L-63M-1-B40N/100-A	KWB9L-63M-1-C40N/100-A	KWB9L-63M-1-D40N/100-A	
	50		KWB9L-63M-1-B50N/100-A	KWB9L-63M-1-C50N/100-A	KWB9L-63M-1-D50N/100-A	
	63		KWB9L-63M-1-B63N/100-A	KWB9L-63M-1-C63N/100-A	KWB9L-63M-1-D63N/100-A	
	6	300mA	KWB9L-63M-1-B6N/300-A	KWB9L-63M-1-C6N/300-A	KWB9L-63M-1-D6N/300-A	
	10		KWB9L-63M-1-B10N/300-A	KWB9L-63M-1-C10N/300-A	KWB9L-63M-1-D10N/300-A	
	16		KWB9L-63M-1-B16N/300-A	KWB9L-63M-1-C16N/300-A	KWB9L-63M-1-D16N/300-A	
	20		KWB9L-63M-1-B20N/300-A	KWB9L-63M-1-C20N/300-A	KWB9L-63M-1-D20N/300-A	
	25		KWB9L-63M-1-B25N/300-A	KWB9L-63M-1-C25N/300-A	KWB9L-63M-1-D25N/300-A	
	32		KWB9L-63M-1-B32N/300-A	KWB9L-63M-1-C32N/300-A	KWB9L-63M-1-D32N/300-A	
	40		KWB9L-63M-1-B40N/300-A	KWB9L-63M-1-C40N/300-A	KWB9L-63M-1-D40N/300-A	
	50		KWB9L-63M-1-B50N/300-A	KWB9L-63M-1-C50N/300-A	KWB9L-63M-1-D50N/300-A	
	63		KWB9L-63M-1-B63N/300-A	KWB9L-63M-1-C63N/300-A	KWB9L-63M-1-D63N/300-A	

Type A 

KWB9L-63M Series Residual Current Circuit Breakers with Overcurrent Protection

	Rated current(A)	I Δ n	Type A 			Packing unit
			B curve	C curve	D curve	
 Type A 	6	10mA	KWB9L-63M-2-B6/10-A	KWB9L-63M-2-C6/10-A	KWB9L-63M-2-D6/10-A	1
	10		KWB9L-63M-2-B10/10-A	KWB9L-63M-2-C10/10-A	KWB9L-63M-2-D10/10-A	
	16		KWB9L-63M-2-B16/10-A	KWB9L-63M-2-C16/10-A	KWB9L-63M-2-D16/10-A	
	20		KWB9L-63M-2-B20/10-A	KWB9L-63M-2-C20/10-A	KWB9L-63M-2-D20/10-A	
	25		KWB9L-63M-2-B25/10-A	KWB9L-63M-2-C25/10-A	KWB9L-63M-2-D25/10-A	
	32		KWB9L-63M-2-B32/10-A	KWB9L-63M-2-C32/10-A	KWB9L-63M-2-D32/10-A	
	40		KWB9L-63M-2-B40/10-A	KWB9L-63M-2-C40/10-A	KWB9L-63M-2-D40/10-A	
	50		KWB9L-63M-2-B50/10-A	KWB9L-63M-2-C50/10-A	KWB9L-63M-2-D50/10-A	
	63		KWB9L-63M-2-B63/10-A	KWB9L-63M-2-C63/10-A	KWB9L-63M-2-D63/10-A	
	6	30mA	KWB9L-63M-2-B6/30-A	KWB9L-63M-2-C6/30-A	KWB9L-63M-2-D6/30-A	
	10		KWB9L-63M-2-B10/30-A	KWB9L-63M-2-C10/30-A	KWB9L-63M-2-D10/30-A	
	16		KWB9L-63M-2-B16/30-A	KWB9L-63M-2-C16/30-A	KWB9L-63M-2-D16/30-A	
	20		KWB9L-63M-2-B20/30-A	KWB9L-63M-2-C20/30-A	KWB9L-63M-2-D20/30-A	
	25		KWB9L-63M-2-B25/30-A	KWB9L-63M-2-C25/30-A	KWB9L-63M-2-D25/30-A	
	32		KWB9L-63M-2-B32/30-A	KWB9L-63M-2-C32/30-A	KWB9L-63M-2-D32/30-A	
	40		KWB9L-63M-2-B40/30-A	KWB9L-63M-2-C40/30-A	KWB9L-63M-2-D40/30-A	
	50		KWB9L-63M-2-B50/30-A	KWB9L-63M-2-C50/30-A	KWB9L-63M-2-D50/30-A	
	63		KWB9L-63M-2-B63/30-A	KWB9L-63M-2-C63/30-A	KWB9L-63M-2-D63/30-A	
	6	100mA	KWB9L-63M-2-B6/100-A	KWB9L-63M-2-C6/100-A	KWB9L-63M-2-D6/100-A	
	10		KWB9L-63M-2-B10/100-A	KWB9L-63M-2-C10/100-A	KWB9L-63M-2-D10/100-A	
	16		KWB9L-63M-2-B16/100-A	KWB9L-63M-2-C16/100-A	KWB9L-63M-2-D16/100-A	
	20		KWB9L-63M-2-B20/100-A	KWB9L-63M-2-C20/100-A	KWB9L-63M-2-D20/100-A	
	25		KWB9L-63M-2-B25/100-A	KWB9L-63M-2-C25/100-A	KWB9L-63M-2-D25/100-A	
	32		KWB9L-63M-2-B32/100-A	KWB9L-63M-2-C32/100-A	KWB9L-63M-2-D32/100-A	
	40		KWB9L-63M-2-B40/100-A	KWB9L-63M-2-C40/100-A	KWB9L-63M-2-D40/100-A	
	50		KWB9L-63M-2-B50/100-A	KWB9L-63M-2-C50/100-A	KWB9L-63M-2-D50/100-A	
	63		KWB9L-63M-2-B63/100-A	KWB9L-63M-2-C63/100-A	KWB9L-63M-2-D63/100-A	
	6	300mA	KWB9L-63M-2-B6/300-A	KWB9L-63M-2-C6/300-A	KWB9L-63M-2-D6/300-A	
	10		KWB9L-63M-2-B10/300-A	KWB9L-63M-2-C10/300-A	KWB9L-63M-2-D10/300-A	
	16		KWB9L-63M-2-B16/300-A	KWB9L-63M-2-C16/300-A	KWB9L-63M-2-D16/300-A	
	20		KWB9L-63M-2-B20/300-A	KWB9L-63M-2-C20/300-A	KWB9L-63M-2-D20/300-A	
	25		KWB9L-63M-2-B25/300-A	KWB9L-63M-2-C25/300-A	KWB9L-63M-2-D25/300-A	
	32		KWB9L-63M-2-B32/300-A	KWB9L-63M-2-C32/300-A	KWB9L-63M-2-D32/300-A	
	40		KWB9L-63M-2-B40/300-A	KWB9L-63M-2-C40/300-A	KWB9L-63M-2-D40/300-A	
	50		KWB9L-63M-2-B50/300-A	KWB9L-63M-2-C50/300-A	KWB9L-63M-2-D50/300-A	
	63		KWB9L-63M-2-B63/300-A	KWB9L-63M-2-C63/300-A	KWB9L-63M-2-D63/300-A	

KWB9L-63M Series Residual Current Circuit Breakers with Overcurrent Protection

	Rated current(A)	I _{Δn}	Type A 			Packing unit
			B curve	C curve	D curve	
 Type A 	6	10mA	KWB9L-63M-3-B6/10-A	KWB9L-63M-3-C6/10-A	KWB9L-63M-3-D6/10-A	1
	10		KWB9L-63M-3-B10/10-A	KWB9L-63M-3-C10/10-A	KWB9L-63M-3-D10/10-A	
	16		KWB9L-63M-3-B16/10-A	KWB9L-63M-3-C16/10-A	KWB9L-63M-3-D16/10-A	
	20		KWB9L-63M-3-B20/10-A	KWB9L-63M-3-C20/10-A	KWB9L-63M-3-D20/10-A	
	25		KWB9L-63M-3-B25/10-A	KWB9L-63M-3-C25/10-A	KWB9L-63M-3-D25/10-A	
	32		KWB9L-63M-3-B32/10-A	KWB9L-63M-3-C32/10-A	KWB9L-63M-3-D32/10-A	
	40		KWB9L-63M-3-B40/10-A	KWB9L-63M-3-C40/10-A	KWB9L-63M-3-D40/10-A	
	50		KWB9L-63M-3-B50/10-A	KWB9L-63M-3-C50/10-A	KWB9L-63M-3-D50/10-A	
	63		KWB9L-63M-3-B63/10-A	KWB9L-63M-3-C63/10-A	KWB9L-63M-3-D63/10-A	
	6	30mA	KWB9L-63M-3-B6/30-A	KWB9L-63M-3-C6/30-A	KWB9L-63M-3-D6/30-A	
	10		KWB9L-63M-3-B10/30-A	KWB9L-63M-3-C10/30-A	KWB9L-63M-3-D10/30-A	
	16		KWB9L-63M-3-B16/30-A	KWB9L-63M-3-C16/30-A	KWB9L-63M-3-D16/30-A	
	20		KWB9L-63M-3-B20/30-A	KWB9L-63M-3-C20/30-A	KWB9L-63M-3-D20/30-A	
	25		KWB9L-63M-3-B25/30-A	KWB9L-63M-3-C25/30-A	KWB9L-63M-3-D25/30-A	
	32		KWB9L-63M-3-B32/30-A	KWB9L-63M-3-C32/30-A	KWB9L-63M-3-D32/30-A	
	40		KWB9L-63M-3-B40/30-A	KWB9L-63M-3-C40/30-A	KWB9L-63M-3-D40/30-A	
	50		KWB9L-63M-3-B50/30-A	KWB9L-63M-3-C50/30-A	KWB9L-63M-3-D50/30-A	
	63		KWB9L-63M-3-B63/30-A	KWB9L-63M-3-C63/30-A	KWB9L-63M-3-D63/30-A	
	6	100mA	KWB9L-63M-3-B6/100-A	KWB9L-63M-3-C6/100-A	KWB9L-63M-3-D6/100-A	
	10		KWB9L-63M-3-B10/100-A	KWB9L-63M-3-C10/100-A	KWB9L-63M-3-D10/100-A	
	16		KWB9L-63M-3-B16/100-A	KWB9L-63M-3-C16/100-A	KWB9L-63M-3-D16/100-A	
	20		KWB9L-63M-3-B20/100-A	KWB9L-63M-3-C20/100-A	KWB9L-63M-3-D20/100-A	
	25		KWB9L-63M-3-B25/100-A	KWB9L-63M-3-C25/100-A	KWB9L-63M-3-D25/100-A	
	32		KWB9L-63M-3-B32/100-A	KWB9L-63M-3-C32/100-A	KWB9L-63M-3-D32/100-A	
	40		KWB9L-63M-3-B40/100-A	KWB9L-63M-3-C40/100-A	KWB9L-63M-3-D40/100-A	
	50		KWB9L-63M-3-B50/100-A	KWB9L-63M-3-C50/100-A	KWB9L-63M-3-D50/100-A	
	63		KWB9L-63M-3-B63/100-A	KWB9L-63M-3-C63/100-A	KWB9L-63M-3-D63/100-A	
	6	300mA	KWB9L-63M-3-B6/300-A	KWB9L-63M-3-C6/300-A	KWB9L-63M-3-D6/300-A	
	10		KWB9L-63M-3-B10/300-A	KWB9L-63M-3-C10/300-A	KWB9L-63M-3-D10/300-A	
	16		KWB9L-63M-3-B16/300-A	KWB9L-63M-3-C16/300-A	KWB9L-63M-3-D16/300-A	
	20		KWB9L-63M-3-B20/300-A	KWB9L-63M-3-C20/300-A	KWB9L-63M-3-D20/300-A	
	25		KWB9L-63M-3-B25/300-A	KWB9L-63M-3-C25/300-A	KWB9L-63M-3-D25/300-A	
	32		KWB9L-63M-3-B32/300-A	KWB9L-63M-3-C32/300-A	KWB9L-63M-3-D32/300-A	
	40		KWB9L-63M-3-B40/300-A	KWB9L-63M-3-C40/300-A	KWB9L-63M-3-D40/300-A	
	50		KWB9L-63M-3-B50/300-A	KWB9L-63M-3-C50/300-A	KWB9L-63M-3-D50/300-A	
	63		KWB9L-63M-3-B63/300-A	KWB9L-63M-3-C63/300-A	KWB9L-63M-3-D63/300-A	

KWB9L-63M Series Residual Current Circuit Breakers with Overcurrent Protection

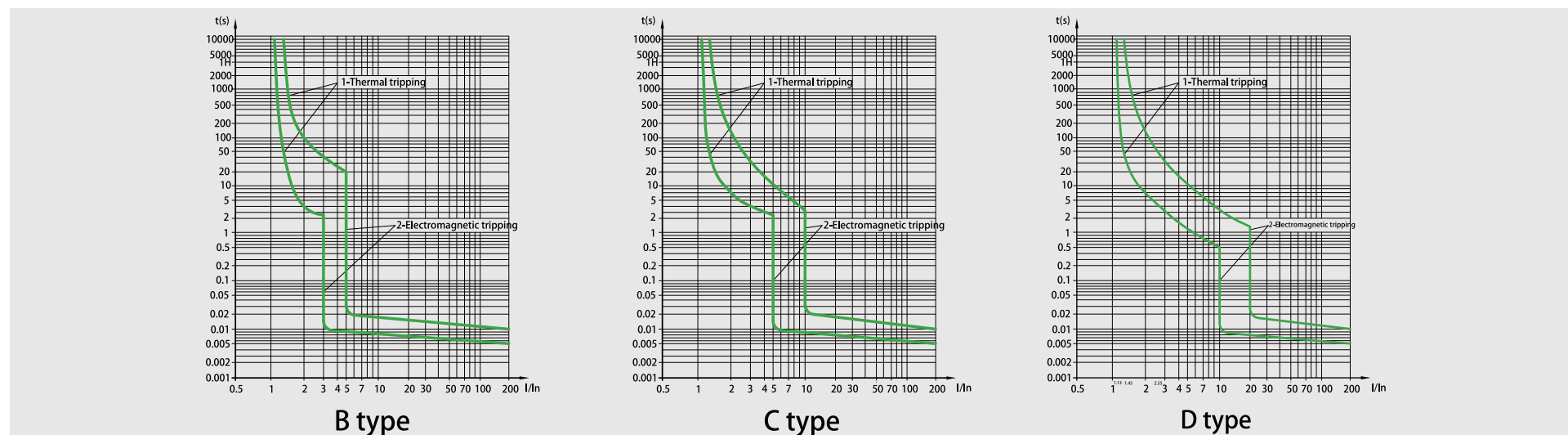
	Rated current(A)	I Δ n	Type A 			Packing unit
			B curve	C curve	D curve	
 Type A 	6	10mA	KWB9L-63M-3-B6N/10-A	KWB9L-63M-3-C6N/10-A	KWB9L-63M-3-D6N/10-A	1
	10		KWB9L-63M-3-B10N/10-A	KWB9L-63M-3-C10N/10-A	KWB9L-63M-3-D10N/10-A	
	16		KWB9L-63M-3-B16N/10-A	KWB9L-63M-3-C16N/10-A	KWB9L-63M-3-D16N/10-A	
	20		KWB9L-63M-3-B20N/10-A	KWB9L-63M-3-C20N/10-A	KWB9L-63M-3-D20N/10-A	
	25		KWB9L-63M-3-B25N/10-A	KWB9L-63M-3-C25N/10-A	KWB9L-63M-3-D25N/10-A	
	32		KWB9L-63M-3-B32N/10-A	KWB9L-63M-3-C32N/10-A	KWB9L-63M-3-D32N/10-A	
	40		KWB9L-63M-3-B40N/10-A	KWB9L-63M-3-C40N/10-A	KWB9L-63M-3-D40N/10-A	
	50		KWB9L-63M-3-B50N/10-A	KWB9L-63M-3-C50N/10-A	KWB9L-63M-3-D50N/10-A	
	63		KWB9L-63M-3-B63N/10-A	KWB9L-63M-3-C63N/10-A	KWB9L-63M-3-D63N/10-A	
	6	30mA	KWB9L-63M-3-B6N/30-A	KWB9L-63M-3-C6N/30-A	KWB9L-63M-3-D6N/30-A	
	10		KWB9L-63M-3-B10N/30-A	KWB9L-63M-3-C10N/30-A	KWB9L-63M-3-D10N/30-A	
	16		KWB9L-63M-3-B16N/30-A	KWB9L-63M-3-C16N/30-A	KWB9L-63M-3-D16N/30-A	
	20		KWB9L-63M-3-B20N/30-A	KWB9L-63M-3-C20N/30-A	KWB9L-63M-3-D20N/30-A	
	25		KWB9L-63M-3-B25N/30-A	KWB9L-63M-3-C25N/30-A	KWB9L-63M-3-D25N/30-A	
	32		KWB9L-63M-3-B32N/30-A	KWB9L-63M-3-C32N/30-A	KWB9L-63M-3-D32N/30-A	
	40		KWB9L-63M-3-B40N/30-A	KWB9L-63M-3-C40N/30-A	KWB9L-63M-3-D40N/30-A	
	50		KWB9L-63M-3-B50N/30-A	KWB9L-63M-3-C50N/30-A	KWB9L-63M-3-D50N/30-A	
	63		KWB9L-63M-3-B63N/30-A	KWB9L-63M-3-C63N/30-A	KWB9L-63M-3-D63N/30-A	
	6	100mA	KWB9L-63M-3-B6N/100-A	KWB9L-63M-3-C6N/100-A	KWB9L-63M-3-D6N/100-A	
	10		KWB9L-63M-3-B10N/100-A	KWB9L-63M-3-C10N/100-A	KWB9L-63M-3-D10N/100-A	
	16		KWB9L-63M-3-B16N/100-A	KWB9L-63M-3-C16N/100-A	KWB9L-63M-3-D16N/100-A	
	20		KWB9L-63M-3-B20N/100-A	KWB9L-63M-3-C20N/100-A	KWB9L-63M-3-D20N/100-A	
	25		KWB9L-63M-3-B25N/100-A	KWB9L-63M-3-C25N/100-A	KWB9L-63M-3-D25N/100-A	
	32		KWB9L-63M-3-B32N/100-A	KWB9L-63M-3-C32N/100-A	KWB9L-63M-3-D32N/100-A	
	40		KWB9L-63M-3-B40N/100-A	KWB9L-63M-3-C40N/100-A	KWB9L-63M-3-D40N/100-A	
	50		KWB9L-63M-3-B50N/100-A	KWB9L-63M-3-C50N/100-A	KWB9L-63M-3-D50N/100-A	
	63		KWB9L-63M-3-B63N/100-A	KWB9L-63M-3-C63N/100-A	KWB9L-63M-3-D63N/100-A	
	6	300mA	KWB9L-63M-3-B6N/300-A	KWB9L-63M-3-C6N/300-A	KWB9L-63M-3-D6N/300-A	
	10		KWB9L-63M-3-B10N/300-A	KWB9L-63M-3-C10N/300-A	KWB9L-63M-3-D10N/300-A	
	16		KWB9L-63M-3-B16N/300-A	KWB9L-63M-3-C16N/300-A	KWB9L-63M-3-D16N/300-A	
	20		KWB9L-63M-3-B20N/300-A	KWB9L-63M-3-C20N/300-A	KWB9L-63M-3-D20N/300-A	
	25		KWB9L-63M-3-B25N/300-A	KWB9L-63M-3-C25N/300-A	KWB9L-63M-3-D25N/300-A	
	32		KWB9L-63M-3-B32N/300-A	KWB9L-63M-3-C32N/300-A	KWB9L-63M-3-D32N/300-A	
	40		KWB9L-63M-3-B40N/300-A	KWB9L-63M-3-C40N/300-A	KWB9L-63M-3-D40N/300-A	
	50		KWB9L-63M-3-B50N/300-A	KWB9L-63M-3-C50N/300-A	KWB9L-63M-3-D50N/300-A	
	63		KWB9L-63M-3-B63N/300-A	KWB9L-63M-3-C63N/300-A	KWB9L-63M-3-D63N/300-A	

KWB9L-63M Series Residual Current Circuit Breakers with Overcurrent Protection

	Rated current(A)	I _{Δn}	Type A 			Packing unit
			B curve	C curve	D curve	
 Type A 	6	10mA	KWB9L-63M-4-B6/10-A	KWB9L-63M-4-C6/10-A	KWB9L-63M-4-D6/10-A	1
	10		KWB9L-63M-4-B10/10-A	KWB9L-63M-4-C10/10-A	KWB9L-63M-4-D10/10-A	
	16		KWB9L-63M-4-B16/10-A	KWB9L-63M-4-C16/10-A	KWB9L-63M-4-D16/10-A	
	20		KWB9L-63M-4-B20/10-A	KWB9L-63M-4-C20/10-A	KWB9L-63M-4-D20/10-A	
	25		KWB9L-63M-4-B25/10-A	KWB9L-63M-4-C25/10-A	KWB9L-63M-4-D25/10-A	
	32		KWB9L-63M-4-B32/10-A	KWB9L-63M-4-C32/10-A	KWB9L-63M-4-D32/10-A	
	40		KWB9L-63M-4-B40/10-A	KWB9L-63M-4-C40/10-A	KWB9L-63M-4-D40/10-A	
	50		KWB9L-63M-4-B50/10-A	KWB9L-63M-4-C50/10-A	KWB9L-63M-4-D50/10-A	
	63		KWB9L-63M-4-B63/10-A	KWB9L-63M-4-C63/10-A	KWB9L-63M-4-D63/10-A	
	6	30mA	KWB9L-63M-4-B6/30-A	KWB9L-63M-4-C6/30-A	KWB9L-63M-4-D6/30-A	
	10		KWB9L-63M-4-B10/30-A	KWB9L-63M-4-C10/30-A	KWB9L-63M-4-D10/30-A	
	16		KWB9L-63M-4-B16/30-A	KWB9L-63M-4-C16/30-A	KWB9L-63M-4-D16/30-A	
	20		KWB9L-63M-4-B20/30-A	KWB9L-63M-4-C20/30-A	KWB9L-63M-4-D20/30-A	
	25		KWB9L-63M-4-B25/30-A	KWB9L-63M-4-C25/30-A	KWB9L-63M-4-D25/30-A	
	32		KWB9L-63M-4-B32/30-A	KWB9L-63M-4-C32/30-A	KWB9L-63M-4-D32/30-A	
	40		KWB9L-63M-4-B40/30-A	KWB9L-63M-4-C40/30-A	KWB9L-63M-4-D40/30-A	
	50		KWB9L-63M-4-B50/30-A	KWB9L-63M-4-C50/30-A	KWB9L-63M-4-D50/30-A	
	63		KWB9L-63M-4-B63/30-A	KWB9L-63M-4-C63/30-A	KWB9L-63M-4-D63/30-A	
	6	100mA	KWB9L-63M-4-B6/100-A	KWB9L-63M-4-C6/100-A	KWB9L-63M-4-D6/100-A	
	10		KWB9L-63M-4-B10/100-A	KWB9L-63M-4-C10/100-A	KWB9L-63M-4-D10/100-A	
	16		KWB9L-63M-4-B16/100-A	KWB9L-63M-4-C16/100-A	KWB9L-63M-4-D16/100-A	
	20		KWB9L-63M-4-B20/100-A	KWB9L-63M-4-C20/100-A	KWB9L-63M-4-D20/100-A	
	25		KWB9L-63M-4-B25/100-A	KWB9L-63M-4-C25/100-A	KWB9L-63M-4-D25/100-A	
	32		KWB9L-63M-4-B32/100-A	KWB9L-63M-4-C32/100-A	KWB9L-63M-4-D32/100-A	
	40		KWB9L-63M-4-B40/100-A	KWB9L-63M-4-C40/100-A	KWB9L-63M-4-D40/100-A	
	50		KWB9L-63M-4-B50/100-A	KWB9L-63M-4-C50/100-A	KWB9L-63M-4-D50/100-A	
	63		KWB9L-63M-4-B63/100-A	KWB9L-63M-4-C63/100-A	KWB9L-63M-4-D63/100-A	
	6	300mA	KWB9L-63M-4-B6/300-A	KWB9L-63M-4-C6/300-A	KWB9L-63M-4-D6/300-A	
	10		KWB9L-63M-4-B10/300-A	KWB9L-63M-4-C10/300-A	KWB9L-63M-4-D10/300-A	
	16		KWB9L-63M-4-B16/300-A	KWB9L-63M-4-C16/300-A	KWB9L-63M-4-D16/300-A	
	20		KWB9L-63M-4-B20/300-A	KWB9L-63M-4-C20/300-A	KWB9L-63M-4-D20/300-A	
	25		KWB9L-63M-4-B25/300-A	KWB9L-63M-4-C25/300-A	KWB9L-63M-4-D25/300-A	
	32		KWB9L-63M-4-B32/300-A	KWB9L-63M-4-C32/300-A	KWB9L-63M-4-D32/300-A	
	40		KWB9L-63M-4-B40/300-A	KWB9L-63M-4-C40/300-A	KWB9L-63M-4-D40/300-A	
	50		KWB9L-63M-4-B50/300-A	KWB9L-63M-4-C50/300-A	KWB9L-63M-4-D50/300-A	
	63		KWB9L-63M-4-B63/300-A	KWB9L-63M-4-C63/300-A	KWB9L-63M-4-D63/300-A	

KWB9L-63M Series Residual Current Circuit Breakers with Overcurrent Protection

Curves



Breaking time of residual current

Max.breaking time					
$I_n(A)$	$I_{\Delta n}(A)$	$I_{\Delta n}$	$2 I_{\Delta n}$	$5 I_{\Delta n}$	5-500A
6-63	0.01,0.03,0.1,0.3	0.1s	0.08s	0.04s	0.04s

Wiring (The suitable conductors should be used for connection,see table below for relative parameters)

Rated current $I_n (A)$	Cross section area $s(mm^2)$	Tightening torque(N.m)
6	1	2.0
10	1.5	
13	1.5	
16-20	2.5	
25	4	
32	6	
40-50	10	
63	16	

Types

The RCBOs are divided into types depending on the operating function:

Type AC : For which tripping is ensured for residual sinusoidal alternating currents, whether suddenly applied or slowly rising.

Type A : For which tripping is ensured for residual sinusoidal alternating currents and residual pulsating direct currents, whether suddenly applied or slowly rising.

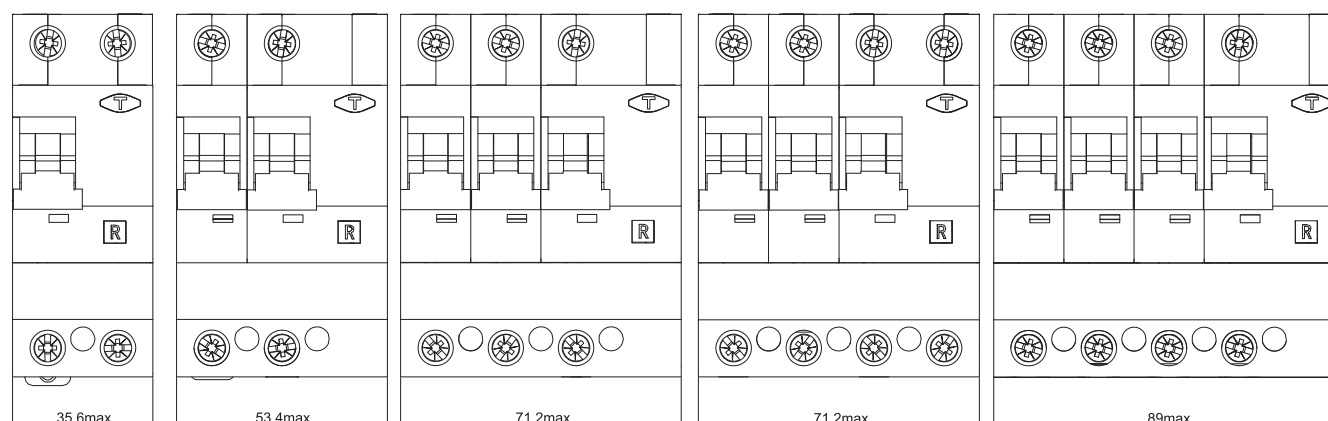
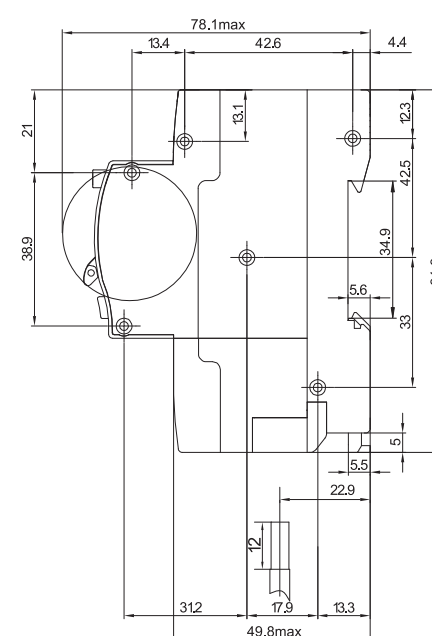
Tripping sensitivity data

RCBO with a rated residual current of maximum 30mA are used for personnel,material and fire protection, as well as for protection against direct contact.

RCBO with a rated residual current of maximum 300mA are used as preventative fire protection in case of insulation faults.

RCBO with a rated residual current of 100mA co-ordinated with the earth system according to the formula $I_{\Delta n} < 50/R$, to provide protection again indirect contacts.

Overall and mounting dimensions



KWB9L-63M