

Miniature Circuit Breakers

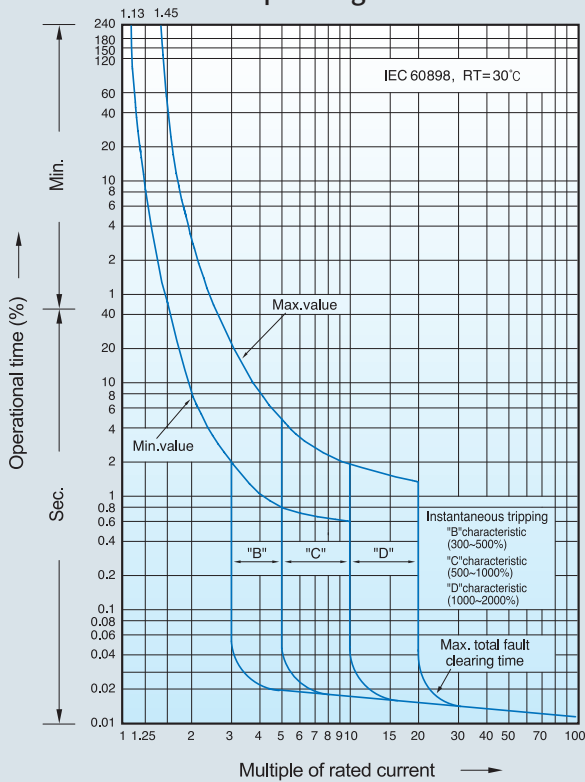
- Rated current: Up to 63A
- Number of pole: 1~4P
- Standards
 - IEC 60898-1



Type		MCB BK63N
Protection		Overload & short circuit
Rated current, I _n		1, 2, 3, 4, 6, 10, 13, 16, 20, 25, 32, 40, 50, 63A
Rated residual current	Operating, I _{Δn}	-
	Non-Operating, I _{Δno}	-
Poles (P)		1P, 2P, 3P, 4P
Rated voltage (U _e)		240 / 415VAC
Rated insulation boltage (U _i)		500VAC
Rated impulse voltage (U _{imp})		4kV
Frequency (Hz)		50 / 60
Residual current off-time		≤0.1s
Type of trip	Ground fault	Electronic
	Overcurrent	Thermal-magnetic
Breaking capacity		6kA
Conditional short circuit capacity		-
Characteristic		B, C, D
Endurance	Electrical	4,000 operations
	Mechanical	10,000 operations
Mount		On 35mm DIN rail
Width		17.8mm (1P)
Terminal		Lug type (cable up to 35mm ²)
Type of operation		-
Standard		IEC 60898-1

Characteristics curves

Operating curves



BK63N

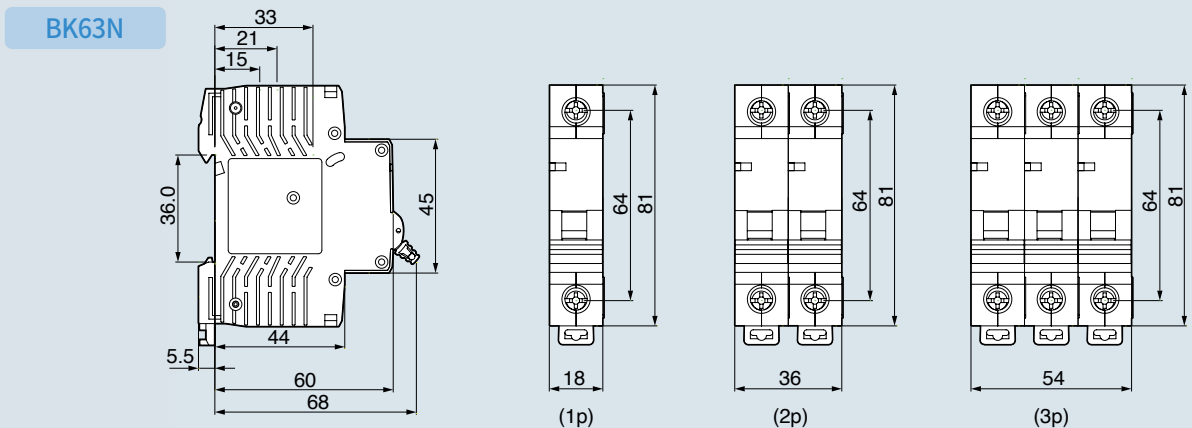
Temperature compensation table (IEC 60898-1)

In(A)	20°C	25°C	30°C	35°C	40°C	45°C	50°C	55°C	60°C
1	1.05	1.02	1.0	0.98	0.95	0.93	0.9	0.88	0.85
2	2.08	2.04	2.0	1.96	1.92	1.88	1.84	1.8	1.74
3	3.18	3.09	3.0	2.91	2.82	2.7	2.61	2.49	2.37
4	4.24	4.12	4.0	3.88	3.76	3.64	3.52	3.36	3.24
6	6.24	6.12	6.0	5.88	5.76	5.64	5.52	5.4	5.3
10	10.6	10.3	10.0	9.7	9.3	9.0	8.6	8.2	7.8
16	16.8	16.5	16.0	15.5	15.2	14.7	14.2	13.8	13.3
20	21.0	20.6	20.0	19.4	19.0	18.4	17.8	17.4	16.8
25	26.2	25.7	25.0	24.2	23.7	23.0	22.2	21.5	20.7
32	33.5	32.9	32.0	31.4	30.4	29.8	28.4	28.2	27.5
40	42.0	41.2	40.0	38.8	38.0	36.8	35.6	34.4	33.2
50	52.5	51.5	50.0	48.5	47.4	45.5	44.0	42.5	40.5
63	66.2	64.9	63.0	61.0	58.0	56.7	54.2	51.7	49.2

I1: 113% In, I2: 145% In according to IEC 60898-1

Dimensions

(unit: mm)



■ Headquarter

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According to The WEEE Directive, please do not discard the device with your household waste.