
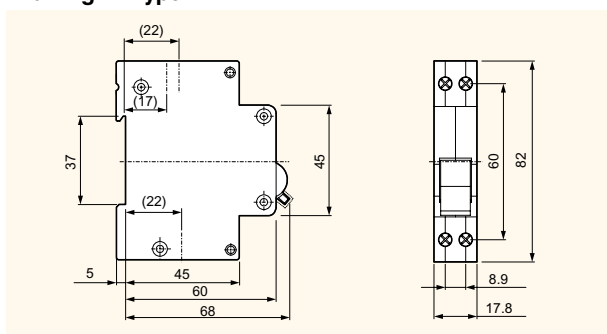


# Miniature circuit breakers

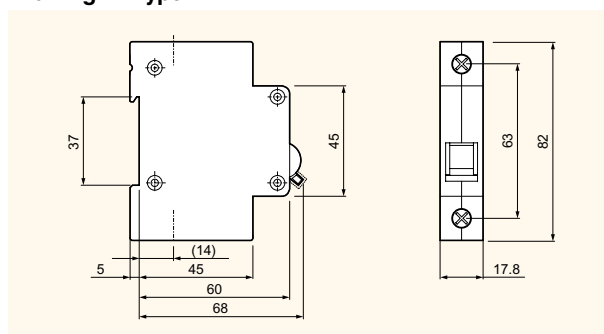
## 1, 2, 3 and 4 pole series up to 100AF

Type	BKP	BKN
Protection	Overload and short circuit	Overload and short circuit Overload and short circuit
Rated current	3,6,10,16,20,25,32A	BKN : 1,2,3,4,6,10,16,20,25,32,40,50,63A
Characteristic	B, C, D curve	B, C, D curve
Number of poles	1p+N	1p, 1p+N, 2p, 3p, 3p+N, 4p
Breaking capacity		1 pole2~4 pole
	1A	
	2A	
	3A	
	4A	
	6A	
	10A	
	16A	
	20A	
	25A	
	32A	
	40A	
	50A	
	63A	
	80A	
	100A	
Standard	IEC 60898	IEC 60898
Type of trip	Thermal magnetic release	Thermal magnetic release Thermal magnetic release
Electrical endurance	20000 operations	6000 operations
Mount	On 35mm DIN rail	On 35mm DIN rail
Width	9mm per pole	17.8mm per pole
Terminal	Lug type(cable up to 10mm <sup>2</sup> )	Lug type(cable up to 25mm <sup>2</sup> )
<b>Auxiliary switch, AX</b> Optional		 <p><b>1 changeover contact</b> 6A at 240VAC, 3A at 415VAC 2A at 48VAC, 1A at 125VAC</p> <p><b>Lug terminal</b> cable capacity 2.5mm<sup>2</sup></p> <p><b>9mm wide</b></p>
Dimension	See drawing 1	See drawing 2
Characteristic curve	See curve 1	See curve 1

**Drawing 1 : Type BKP**



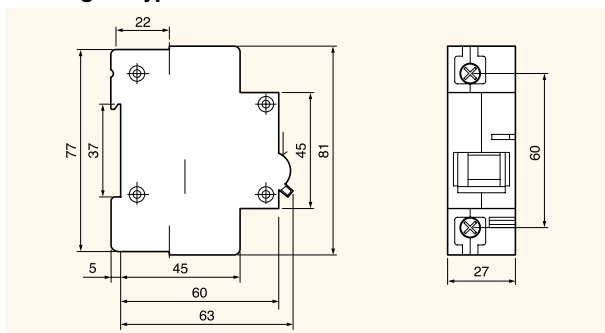
**Drawing 2 : Type BKN**



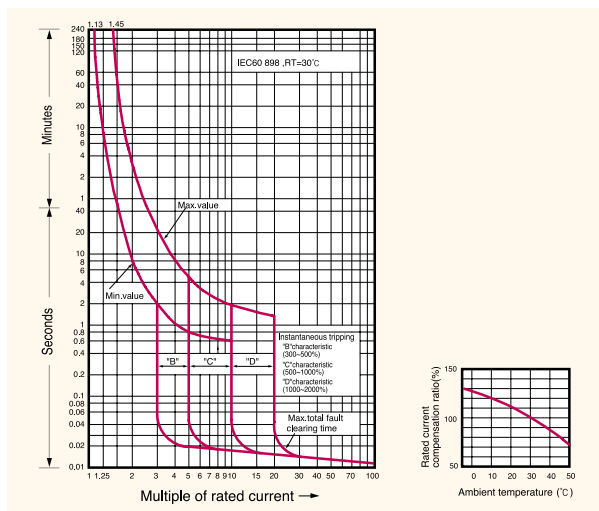


<b>BKH</b>		<b>BF-a</b>	
Overload and short circuit			
63, 80, 100A		6,10,15,20,30,40,50,60,75,100	
C, D curve		D curve	
1p, 2p, 3p, 4p		1P, 2P, 3P	
1 pole	2~4 pole	1 pole	2, 3 pole
		10kA at 220VAC	2.5kA at 415VAC
10kA at 230/400VAC	10kA at 400VAC		
IEC 60947-2			
Thermal magnetic release			
6000 operations			
On 35mm DIN rail		Bolt on with fixing brackets	
27mm per pole		25mm per pole	
Lug type(cable up to 50mm <sup>2</sup> )		Lug type, Clamp type	
See drawing 3		See drawing 4	
See curve 1		See curve 2	

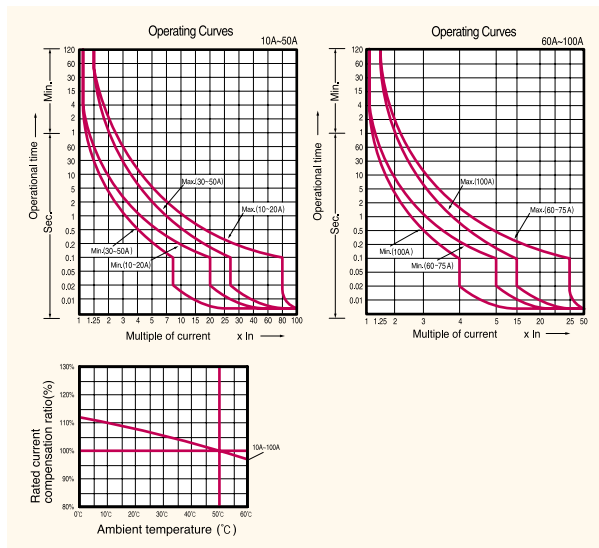
**Drawing 3 : Type BKH**



**Curve 1 : Type BKP, BKN, BKH, RKP**



**Curve 2 : Type BF-a**



**Drawing 4 : Type BF-a**

