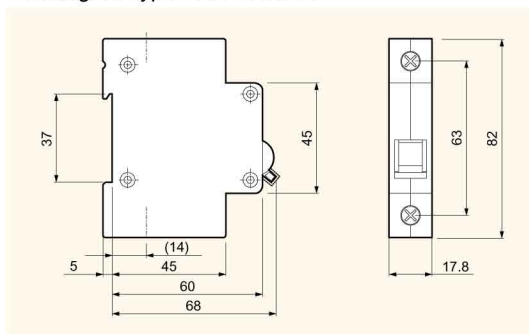


Miniature circuit breakers

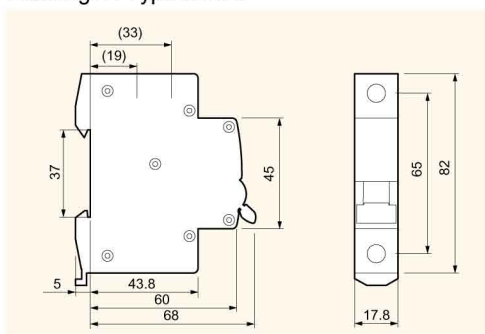
1, 2, 3 and 4 pole series up to 125AF

Type		BKN	BKN-c	BKN-b	
Protection		Overload and short circuit		Overload and short circuit	
Rated current		1, 2, 3, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63A		1, 2, 3, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63A	
Characteristic		B, C, D curve		B, C, D curve	
Poles		1p, 1p+N, 2p, 3p, 3p+N, 4p		1p, 1p+N, 2p, 3p, 3p+N, 4p	
Breaking capacity		1pole	2~4pole	1pole	2~4pole
	1A	6kA at 230/400VAC	6kA at 400VAC	10kA at 230/400VAC	10kA at 400VAC
	2A				
	3A				
	4A				
	6A				
	10A				
	16A				
	20A				
	25A				
	32A				
	40A				
	50A				
	63A				
	80A				
100A					
125A					
Standard		IEC 60898/60947-2		IEC 60898/60947-2	
Type of trip		Thermal magnetic release		Thermal magnetic release	
Electrical endurance		6000 operations		8000 operations	
Mount		On 35mm DIN rail		On 35mm DIN rail	
Width		17.8mm per pole		17.8mm per pole	
Terminal		Lug type(cable up to 25mm²)	Dual type(Lug & Screw)	Lug type(cable up to 25mm²)	
Auxiliary switch, AX		 1 changeover contact 6A at 240VAC, 3A at 415VAC(AX) 6A at 230VAC, 3A at 415VAC(AL) 2A at 48VDC, 1A at 125VDC Lug terminal Cable capacity 2.5mm² 9mm wide		 1 changeover contact 6A at 240VAC, 3A at 415VAC(AX/AL) 6A at 24VDC, 2A at 48VDC, 1A at 130VDC Lug terminal cable capacity 0.75~2.5mm² 8.8mm wide	
Optional					
Dimension		See page 1		See page 2	
Characteristic curve		See curve 1		See curve 1	

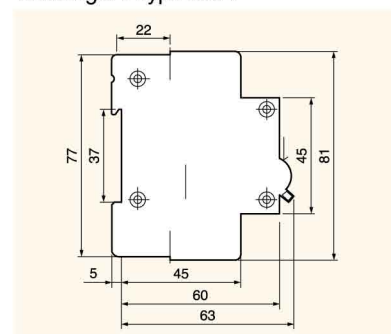
Drawing 1 : Type BKN & BKN-c



Drawing 2 : Type BKN-b



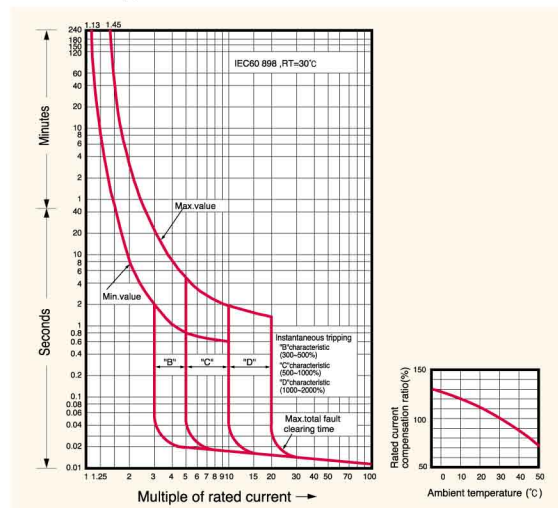
Drawing 3 : Type BKH



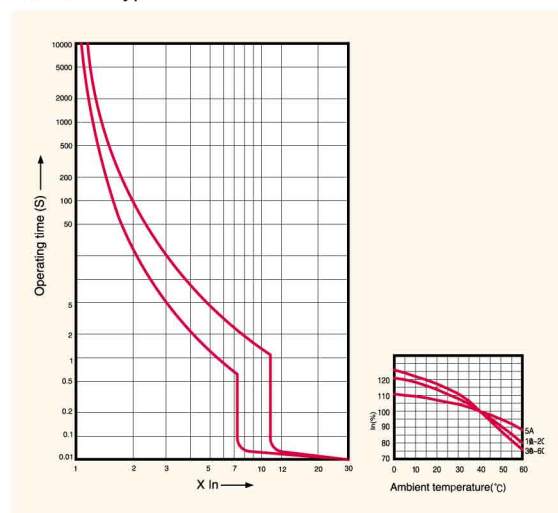


BKH		BKP	BFN	
Overload and short circuit		Overload and short circuit	Overload and short circuit	
63, 80, 100A, 125A		3, 6, 10, 16, 20, 25, 32A	5, 10, 15, 20, 30, 40, 50A	
C, D curve		B, C, D curve	1P, 2P, 3P	
1p, 2p, 3p, 3p+N, 4p		1p+N	1P, 2P, 3P	
1pole	2~4pole			
		4.5kA at 230VAC	10kA at 220/240VAC	
		10kA at 230/400VAC	10kA at 400VAC	
IEC 60947-2		IEC 60898	IEC 60947-2	
Thermal magnetic release		Thermal magnetic release	Thermal magnetic release	
6000 operations		20000 operations	10, 000 operations	
On 35mm DIN rail		On 35mm DIN rail	Plug-in	
27mm per pole		17.8mm per pole	25mm per pole	
Lug type(cable up to 50mm²)		Lug type(cable up to 10mm²)	Lug type (14-6 AWG.)	
See page 3		See page 4	See page 5	
See curve 1		See curve 1	See curve 2	

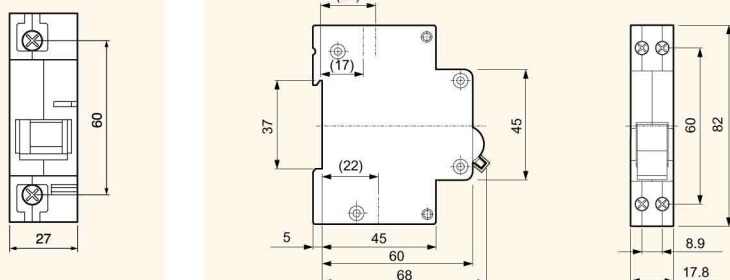
Curve 1 : Type BKP, BKN, BKN-b, BKH, RKP



Curve 2 : Type BFN



Drawing 4 : Type BKP



Drawing 5 : Type BFN

