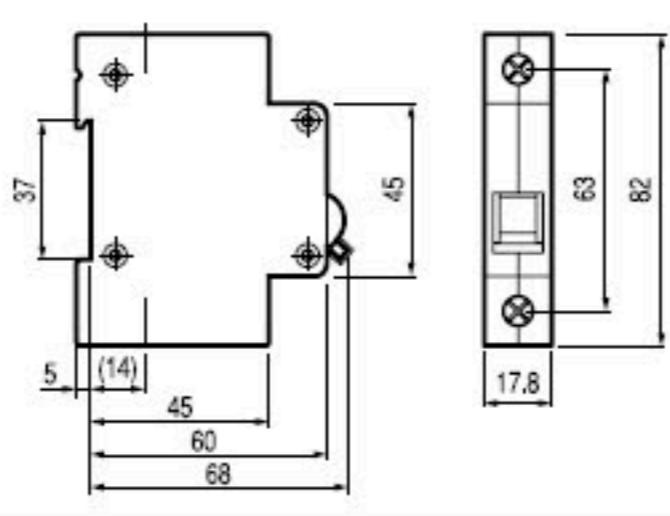
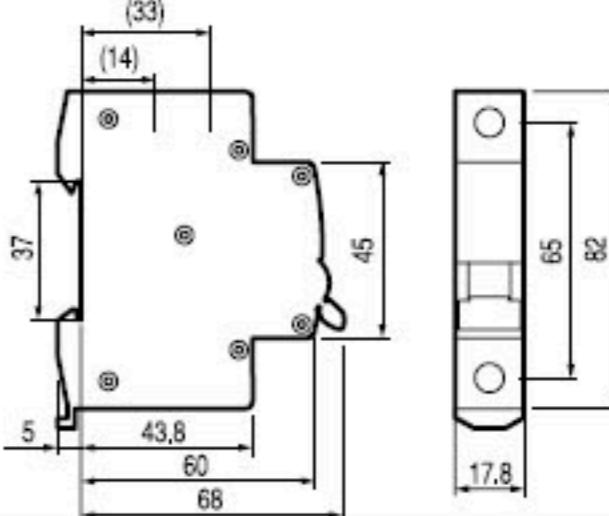


# Miniature circuit breakers

## 1, 2, 3 and 4Pole Series up to 125AF [IEC 60898, IEC 60947-2]

Type	BKN		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		IEC 60898	
Approval	CCC, SABS, SEMKO CB		CCCT, KEMA CB, SABS, SEMKO CB, UL 1077†	
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 25mm <sup>2</sup> )		Lug type(cable up to 25mm <sup>2</sup> )	
Auxiliary switch, AX & AL	 <p>1 changeover contact            6A at 240VAC, 3A at 415VAC(AX)            6A at 230VAC, 3A at 415VAC(AL)            2A at 48VDC, 1A at 125VDC  <b>Lug terminal</b>            Cable capacity 2.5mm<sup>2</sup>            9mm wide</p>			
Dimension				
Characteristic curve	See page 43		See page 43	
Remarks			†UL 1077(240V 10kA)	



### MCB

BKH		BKP	BF-PLUG
Overload and short circuit	Overload and short circuit	Overload and short circuit	Overload and short circuit
63, 80, 100A, 125A	3, 6, 10, 16, 20, 25, 32A	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 120/240VAC
10kA at 230/400VAC	10kA at 400VAC		
IEC 60947-2	IEC 60898	IEC 60947-2	
CCC, CQC CB†	CCC, CQC CB		
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	9mm per pole	25mm per pole	
Lug type(cable up to 50mm <sup>2</sup> )	Lug type(cable up to 10mm <sup>2</sup> )	Lug type (14-6 AWG.)	
See page 43	See page 43	See page 47	
IEC 60947-2 (SABS)			