

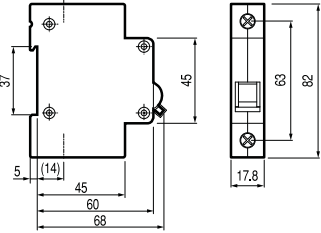
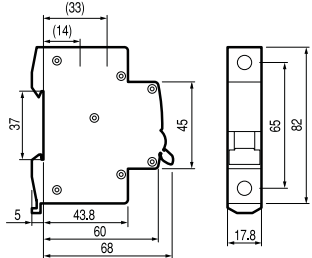


Miniature circuit breakers

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

Type	MCB			
	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
	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		CCC [†] , KEMA CB, SABS, SEMKO CB, UL 1077 [†]	
Type of trip	Thermal magnetic release		Thermal magnetic release	
Electrical endurance	6,000 operations		8,000 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 ²)	Dual type(Lug & Screw)	Lug type(cable up to 25mm ²)	
Auxiliary switch, AX & AL Optional	 <p>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</p>		 <p>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</p>	
Dimension				
Characteristic curve	See page 39		See page 39	
Remarks			[†] UL 1077(240V 10kA)	