

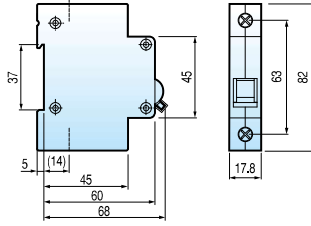
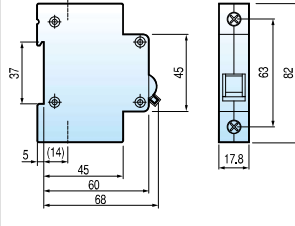
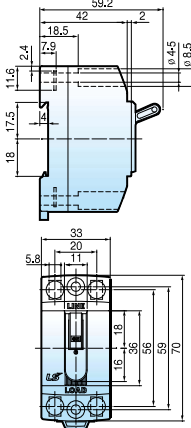


# Miniature Circuit Breakers

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



Type	MCB					
	BKN	BKN-c	BKN-b		BS32c	BS32d
Protection	Overload and short circuit		Overload and short circuit		Overload and short circuit	
Rated current	1, 2, 3, 4, 6, 10, 13, 16, 20, 25, 32, 40, 50, 63A		1, 2, 3, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63A		6, 10, 15, 20, 30A	10, 15, 20, 30A
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		1pole		2pole	
	1A ~ 63A 6kA at 230/400VAC (NF: 4.5kA)		1A ~ 63A 10kA at 240/415VAC		1.5kA	2.5kA
Standard	IEC 60898		IEC 60898, IEC 60947-2		IEC 60898, KS	
Approval	CCC, SABS, SEMKO CB		KEMA CB, SABS, CE, NF*		CCC	-
Type of trip	Thermal magnetic release		Thermal magnetic release		-	-
Endurance	4,000 operations		4,000 operations		4,000 operations	
	10,000 operations		10,000 operations		10,000 operations	
Mount	On 35mm DIN rail		On 35mm DIN rail		DIN rail / Screw	
Width	17.8mm per pole		17.8mm per pole		33mm per pole	
Terminal	Lug type (Cable up to 25mm <sup>2</sup> )		Lug type (Cable up to 25mm <sup>2</sup> )		Screw clamp type (Cable up to 5.5mm <sup>2</sup> )	
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 2.5mm<sup>2</sup> 9mm wide *Only for BKN</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 0.75~2.5mm<sup>2</sup> 8.8mm wide</p>			
Dimension						
Remarks	-		-		-	

\* NF : Breaking capacity 6kA