

## Miniature Circuit Breakers

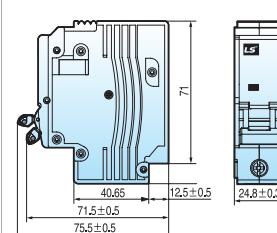
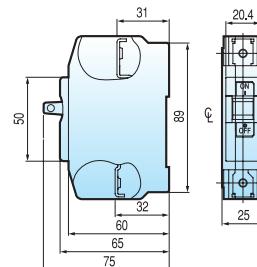
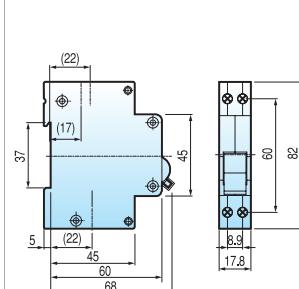
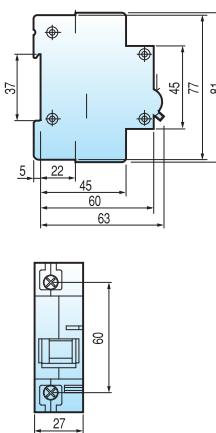
# 1, 2, 3 and 4pole series up to 125AF [IEC 60898-1, IEC 60947-2]



Type	MCB						
	Bkj63N	Bkj63Nd	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	2~4pole	1pole	2~4pole	2pole		
	1A ~ 63A 6kA at 240/415VAC	1A ~ 63A 6kA at 415VAC	1A ~ 63A 10kA at 240/415VAC	1A ~ 63A 10kA at 415VAC	1.5kA	2.5kA	
Standard	IEC 60898-1, IEC 60947-2		IEC 60898-1, IEC 60947-2		IEC 60898-1, KS		
Approval	-		KEMA CB, SABS, CE		CCC	-	
Type of trip	Thermal magnetic release		Thermal magnetic release		-		
Endurance	Electrical	10,000 operations		4,000 operations		4,000 operations	
	Mechanical	20,000 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> )	Dual type (Lug & Screw)	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	 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						
Dimension							
Characteristic curve	See page 52		See page 52		See page 54		
Remarks	-					-	



		MCB			
BKH		BKP	BF-a	BFN	
Overload and short circuit		Overload and short circuit	Overload and short circuit	Overload and short circuit	
63, 80, 100, 125A		3, 6, 10, 16, 20, 25, 32A	10~100A	5, 10, 15, 20, 30, 40, 50A	
C, D curve		B, C, D curve	-	-	
1P, 2P, 3P, 3P+N, 4P		1P+N	1p, 2p, 3p	1p, 2p, 3p	
1pole	2~4pole	-	-	1pole	2~3pole
63A ~ 125A 10kA at 230VAC	63A ~ 125A 10kA at 400VAC	3A ~ 32A 4.5kA at 230VAC	10A~100A 10kA at 240VAC 2.5kA at 415VAC	5A~50A 10kA at 230VAC	5A~50A 10kA at 400VAC
IEC 60947-2		IEC 60898-1	IEC 60947-2	IEC 60947-2	
CCC, SEMKO CB, SABS, CE		CCC, SEMKO CB, SABS, CE	-	SEMKO CB, CE	
Thermal magnetic release		Thermal magnetic release	Thermal magnetic release	Thermal magnetic release	
1,500 operations		4,000 operations	1,500 operations	1,500 operations	
10,000 operations		10,000 operations	10,000 operations	10,000 operations	
On 35mm DIN rail		On 35mm DIN rail	Holder mounting (Bolt on with fixing brackets)	Plug-in	
27mm per pole		17.8mm	25mm per pole	25mm per pole	
Lug type (Cable up to 50mm <sup>2</sup> )		Lug type (Cable up to 10mm <sup>2</sup> )	Clamp type	Lug type (14-6 AWG.)	



See page 52

IEC 60947-2 (SABS)

See page 52

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See page 53

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See page 54

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