

KBF 6kA MCB



Function and Feature

- Designed up to 6kA
- Compact Design for professional look
- Fast closing mechanism to increase service life
- Suitable for Isolation
- Guarantee operational safety at the downstream
- Designed to fix auxiliaries available for monitoring and remote tripping

Technical Data

Rated Current (I _n)	A	6, 10, 13, 16, 20, 25, 32, 40, 45, 50, 63
Rated Voltage (U _e)	V	230/240, 400/415
Number of Poles		1P, 2P, 3P, 4P, 1P+N, 3P+N
Rated Breaking Capacity	Ultimate (I _{cn})	kA 6
	Service (I _{cs})	kA 6
Rated Frequency	Hz	50/60
IP Degree		IP20
Tripping Characteristics		B, C, D
Energy Limiting Class		3
Electrical Endurance	Cycles	4000
Mechanical Endurance	Cycles	10000
Rated Insulation Voltage (U _i)	V	500
Rated Impulse Withstand Voltage (U _{imp})	kV	4
Cable Termination	mm ²	25
Torque Screw	N.m	2.5
Terminal		Pillar Type

**IEC/EN 60898-1
AS/NZS 60898.1**

6000
3

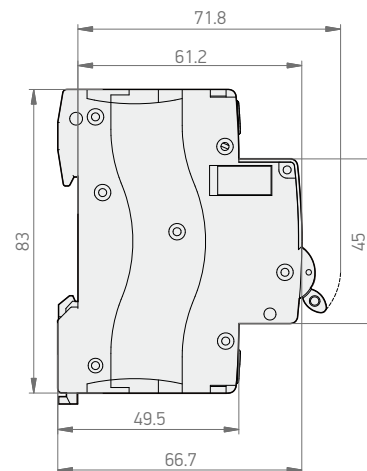
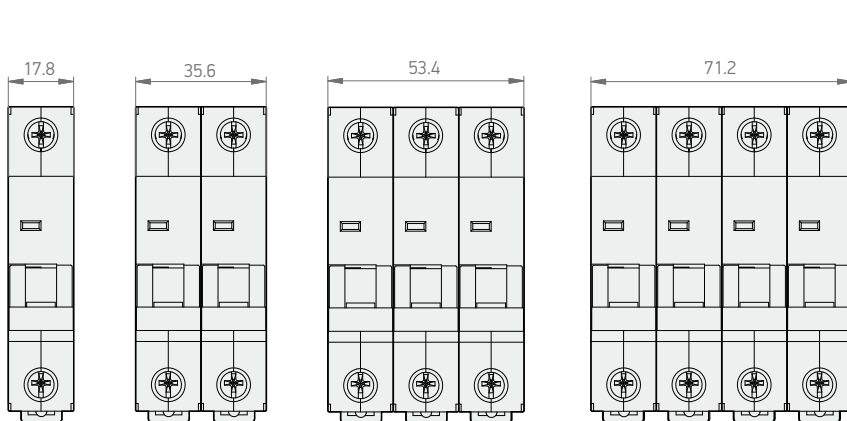
Applications



Approval / Marking



Dimensions(mm)



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Ordering System

Characteristics B, C, D									
Poles	1P			1P+N			2P		
In (A)	B(3-5In)	C(5-10In)	D(10-20In)	B(3-5In)	C(5-10In)	D(10-20In)	B(3-5In)	C(5-10In)	D(10-20In)
6	KBF 1P B6	KBF 1P C6	KBF 1P D6	KBF 1P+N B6	KBF 1P+N C6	KBF 1P+N D6	KBF 2P B6	KBF 2P C6	KBF 2P D6
10	KBF 1P B10	KBF 1P C10	KBF 1P D10	KBF 1P+N B10	KBF 1P+N C10	KBF 1P+N D10	KBF 2P B10	KBF 2P C10	KBF 2P D10
13	KBF 1P B13	KBF 1P C13	KBF 1P D13	KBF 1P+N B13	KBF 1P+N C13	KBF 1P+N D13	KBF 2P B13	KBF 2P C13	KBF 2P D13
16	KBF 1P B16	KBF 1P C16	KBF 1P D16	KBF 1P+N B16	KBF 1P+N C16	KBF 1P+N D16	KBF 2P B16	KBF 2P C16	KBF 2P D16
20	KBF 1P B20	KBF 1P C20	KBF 1P D20	KBF 1P+N B20	KBF 1P+N C20	KBF 1P+N D20	KBF 2P B20	KBF 2P C20	KBF 2P D20
25	KBF 1P B25	KBF 1P C25	KBF 1P D25	KBF 1P+N B25	KBF 1P+N C25	KBF 1P+N D25	KBF 2P B25	KBF 2P C25	KBF 2P D25
32	KBF 1P B32	KBF 1P C32	KBF 1P D32	KBF 1P+N B32	KBF 1P+N C32	KBF 1P+N D32	KBF 2P B32	KBF 2P C32	KBF 2P D32
40	KBF 1P B40	KBF 1P C40	KBF 1P D40	KBF 1P+N B40	KBF 1P+N C40	KBF 1P+N D40	KBF 2P B40	KBF 2P C40	KBF 2P D40
45	KBF 1P B45	KBF 1P C45	KBF 1P D45	KBF 1P+N B45	KBF 1P+N C45	KBF 1P+N D45	KBF 2P B45	KBF 2P C45	KBF 2P D45
50	KBF 1P B50	KBF 1P C50	KBF 1P D50	KBF 1P+N B50	KBF 1P+N C50	KBF 1P+N D50	KBF 2P B50	KBF 2P C50	KBF 2P D50
63	KBF 1P B63	KBF 1P C63	KBF 1P D63	KBF 1P+N B63	KBF 1P+N C63	KBF 1P+N D63	KBF 2P B63	KBF 2P C63	KBF 2P D63

Characteristics B, C, D									
Poles	3P			3P+N			4P		
In (A)	B(3-5In)	C(5-10In)	D(10-20In)	B(3-5In)	C(5-10In)	D(10-20In)	B(3-5In)	C(5-10In)	D(10-20In)
6	KBF 3P B6	KBF 3P C6	KBF 3P D6	KBF 3P+N B6	KBF 3P+N C6	KBF 3P+N D6	KBF 4P B6	KBF 4P C6	KBF 4P D6
10	KBF 3P B10	KBF 3P C10	KBF 3P D10	KBF 3P+N B10	KBF 3P+N C10	KBF 3P+N D10	KBF 4P B10	KBF 4P C10	KBF 4P D10
13	KBF 3P B13	KBF 3P C13	KBF 3P D13	KBF 3P+N B13	KBF 3P+N C13	KBF 3P+N D13	KBF 4P B13	KBF 4P C13	KBF 4P D13
16	KBF 3P B16	KBF 3P C16	KBF 3P D16	KBF 3P+N B16	KBF 3P+N C16	KBF 3P+N D16	KBF 4P B16	KBF 4P C16	KBF 4P D16
20	KBF 3P B20	KBF 3P C20	KBF 3P D20	KBF 3P+N B20	KBF 3P+N C20	KBF 3P+N D20	KBF 4P B20	KBF 4P C20	KBF 4P D20
25	KBF 3P B25	KBF 3P C25	KBF 3P D25	KBF 3P+N B25	KBF 3P+N C25	KBF 3P+N D25	KBF 4P B25	KBF 4P C25	KBF 4P D25
32	KBF 3P B32	KBF 3P C32	KBF 3P D32	KBF 3P+N B32	KBF 3P+N C32	KBF 3P+N D32	KBF 4P B32	KBF 4P C32	KBF 4P D32
40	KBF 3P B40	KBF 3P C40	KBF 3P D40	KBF 3P+N B40	KBF 3P+N C40	KBF 3P+N D40	KBF 4P B40	KBF 4P C40	KBF 4P D40
45	KBF 3P B45	KBF 3P C45	KBF 3P D45	KBF 3P+N B45	KBF 3P+N C45	KBF 3P+N D45	KBF 4P B45	KBF 4P C45	KBF 4P D45
50	KBF 3P B50	KBF 3P C50	KBF 3P D50	KBF 3P+N B50	KBF 3P+N C50	KBF 3P+N D50	KBF 4P B50	KBF 4P C50	KBF 4P D50
63	KBF 3P B63	KBF 3P C63	KBF 3P D63	KBF 3P+N B63	KBF 3P+N C63	KBF 3P+N D63	KBF 4P B63	KBF 4P C63	KBF 4P D63