

HDB6 18mm Miniature Circuit Breaker





Standard: IEC 60898-1

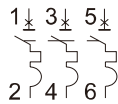
Trip Curve: B, C and D curves

Breaking Capacity: 3000/4500/6000A



Order Information

Type	Breaking Capacity (kA)	Rating (A)	Width	Reference		
				B curve	C curve	D curve
	4.5	1	4	HDB6L2B1	HDB6L2C1	HDB6L2D1
		3	4	HDB6L2B3	HDB6L2C3	HDB6L2D3
		6	4	HDB6L2B6	HDB6L2C6	HDB6L2D6
		10	4	HDB6L2B10	HDB6L2C10	HDB6L2D10
		16	4	HDB6L2B16	HDB6L2C16	HDB6L2D16
		20	4	HDB6L2B20	HDB6L2C20	HDB6L2D20
		25	4	HDB6L2B25	HDB6L2C25	HDB6L2D25
		32	4	HDB6L2B32	HDB6L2C32	HDB6L2D32
		40	4	HDB6L2B40	HDB6L2C40	HDB6L2D40
		50	4	HDB6L2B50	HDB6L2C50	HDB6L2D50
	6	1	4	HDB6N2B1	HDB6N2C1	-
		3	4	HDB6N2B3	HDB6N2C3	-
		6	4	HDB6N2B6	HDB6N2C6	-
		10	4	HDB6N2B10	HDB6N2C10	-
		16	4	HDB6N2B16	HDB6N2C16	-
		20	4	HDB6N2B20	HDB6N2C20	-
		25	4	HDB6N2B25	HDB6N2C25	-
		32	4	HDB6N2B32	HDB6N2C32	-
		40	4	HDB6N2B40	HDB6N2C40	-
		50	4	-	-	-
	3	1	6	HDB6a3B1	HDB6a3C1	HDB6a3D1
		3	6	HDB6a3B3	HDB6a3C3	HDB6a3D3
		6	6	HDB6a3B6	HDB6a3C6	HDB6a3D6
		10	6	HDB6a3B10	HDB6a3C10	HDB6a3D10
		16	6	HDB6a3B16	HDB6a3C16	HDB6a3D16
		20	6	HDB6a3B20	HDB6a3C20	HDB6a3D20
		25	6	HDB6a3B25	HDB6a3C25	HDB6a3D25
		32	6	HDB6a3B32	HDB6a3C32	HDB6a3D32
		40	6	HDB6a3B40	HDB6a3C40	HDB6a3D40
		50	6	HDB6a3B50	HDB6a3C50	HDB6a3D50
	4.5	1	6	HDB6L3B1	HDB6L3C1	HDB6L3D1
		3	6	HDB6L3B3	HDB6L3C3	HDB6L3D3
		6	6	HDB6L3B6	HDB6L3C6	HDB6L3D6
		10	6	HDB6L3B10	HDB6L3C10	HDB6L3D10
		16	6	HDB6L3B16	HDB6L3C16	HDB6L3D16
		20	6	HDB6L3B20	HDB6L3C20	HDB6L3D20
		25	6	HDB6L3B25	HDB6L3C25	HDB6L3D25
		32	6	HDB6L3B32	HDB6L3C32	HDB6L3D32
		40	6	HDB6L3B40	HDB6L3C40	HDB6L3D40
		50	6	HDB6L3B50	HDB6L3C50	HDB6L3D50
63	6	HDB6L3B63	HDB6L3C63	HDB6L3D63		



Note: Width refers to multiple of 9 mm.

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Technical Data

MCB	HDB6 18mm Circuit Breaker				
Electrical Features	Standard	IEC60898-1			
	Certification	CB, CE, RoHS			
	Poles	1-4P			
	Rated Current In	1,3,6,10,16,20,25,32,40,50,63 A			
	Rated Voltage Ue	230/400V AC			
	Insulation Voltage Ui	500V			
	Breaking Capacity Icn				
	Rate current(A)	Breaking capacity Icn(kA)	Type	Poles	Voltage (V)
	1-63	3	B,C,D	1P 2P, 3P, 4P	230/400 400
	1-63	4.5	B,C,D	1P 2P, 3P, 4P	230/400 400
1-40	6	B,C	1P 2P, 3P, 4P	230/400 400	
50,63	4.5	B,C	1P 2P, 3P, 4P	230/400 400	
Tripping Curve(see following tripping curve pictures)					
B Curve:the magnetic release operates between 3 and 5 In					
C Curve:the magnetic release operates between 5 and 10 In					
D Curve:the magnetic release operates between 10 and 14 In					
Mechanical Features	Electrical Durability	4000 times			
	Mechanical Durability	10000 times			
	Protection Degree	2			
	Tropicalization	treatment 2			
	Ambient Temperature	-5°C ~ +40°C			
Connection	Up to 25mm ² cables				
Installation	Rate Current(A)	Screw	Rated Torque (Nm)	Limiting Torque (Nm)	
	1-63	M5	2.5	4.5	
Mounting	35mm Din-rail				
Accessories	Contact Accessory	OF			
	Fault-indicating Accessories	SD			
	Shunt -trip release	MX+OF			

Final Distribution

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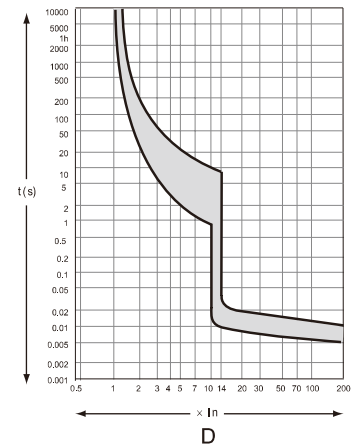
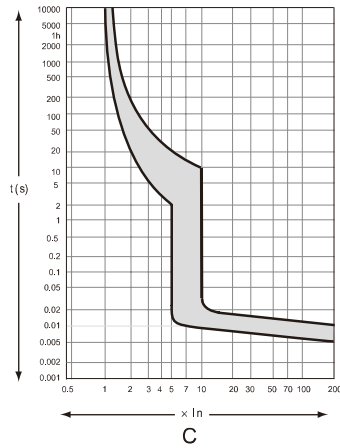
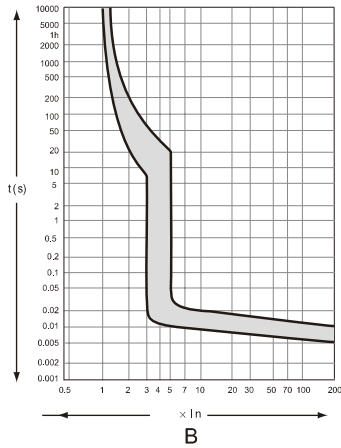
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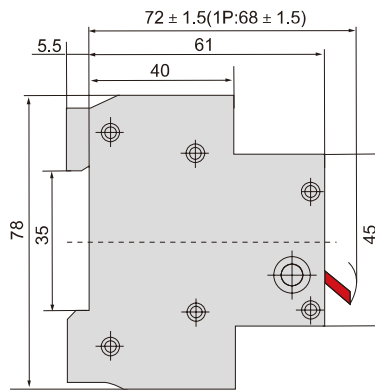
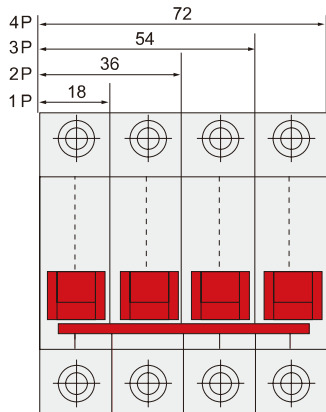
Tripping Curve

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Overall Dimensions

Unit:mm



Accessories

The Sketch Map of Installation with Breakers

