

Residual Current Devices Overview

■ 18mm RCBO



HDB6LE **030**
Sensitivity: 30,50,100,200,300mA
In: 6-60A
Breaking Capacity: 3kA
Poles: 1P+N, 2P, 3P, 3P+N, 4P

■ Add-on RCD



HDB6v **033**
Sensitivity: 30,100,300mA
In: V32A, V63A
Poles: 1P+N, 2P, 3P, 3P+N, 4P

■ 27mm RCBO



HDB2LE **036**
Sensitivity: 30,100,300mA
In: 63-100A
Breaking Capacity: 10kA
Poles: 1P+N, 2P, 3P, 3P+N, 4P



HDB6pLE **039**
Sensitivity: 30mA
In: 6-40A
Breaking Capacity: 4.5kA
Poles: 1P+N



HDB3LE **041**
Sensitivity: 30mA
In: 6-40A
Breaking Capacity: 4.5kA
Poles: 1P+N

■ RCCB



HDL6SP **043**
Sensitivity:30mA
Breaking Capacity:6000A
Poles: 1P+N



HDB6VR **044**
Sensitivity:30,100,300mA
In: 10-100A
Poles: 2P,4P

HDB6LE Residual Current Operated Circuit Breaker

Standard: IEC 61009-1

Electronic type: AC

Breaking Capacity: 3000A

Sensitivity: 30,50,100,200,300mA

Function

HDB6LE electronic type residual current operated circuit breakers combine the following functions:

- Overload protection
- Protection against short-circuit currents
- Protection for users against indirect currents
- Additional protection for users against direct contacts (30mA)
- Protection for electrical installations against insulation faults (fire hazard, etc)
- Isolation

Order Information

Type	Voltage (V)	Sensitivity (mA)	Rating (A)	Width	Reference	
					C curve	D curve
1P+N	230	30	6	5	HDB6LEa1C6S	HDB6LEa1D6S
			10	5	HDB6LEa1C10S	HDB6LEa1D10S
			16	5	HDB6LEa1C16S	HDB6LEa1D16S
			20	5	HDB6LEa1C20S	HDB6LEa1D20S
			25	5	HDB6LEa1C25S	HDB6LEa1D25S
			32	5	HDB6LEa1C32S	HDB6LEa1D32S
			40	6	HDB6LEa1C40S	HDB6LEa1D40S
			50	6	HDB6LEa1C50S	HDB6LEa1D50S
			60	6	HDB6LEa1C60S	HDB6LEa1D60S
2P	230	30	6	7	HDB6LEa2C6S	HDB6LEa2D6S
			10	7	HDB6LEa2C10S	HDB6LEa2D10S
			16	7	HDB6LEa2C16S	HDB6LEa2D16S
			20	7	HDB6LEa2C20S	HDB6LEa2D20S
			25	7	HDB6LEa2C25S	HDB6LEa2D25S
			32	7	HDB6LEa2C32S	HDB6LEa2D32S
			40	8	HDB6LEa2C40S	HDB6LEa2D40S
			50	8	HDB6LEa2C50S	HDB6LEa2D50S
			60	8	HDB6LEa2C60S	HDB6LEa2D60S
3P	400	30	6	10	HDB6LEa3C6S	HDB6LEa3D6S
			10	10	HDB6LEa3C10S	HDB6LEa3D10S
			16	10	HDB6LEa3C16S	HDB6LEa3D16S
			20	10	HDB6LEa3C20S	HDB6LEa3D20S
			25	10	HDB6LEa3C25S	HDB6LEa3D25S
			32	10	HDB6LEa3C32S	HDB6LEa3D32S
			40	12	HDB6LEa3C40S	HDB6LEa3D40S
			50	12	HDB6LEa3C50S	HDB6LEa3D50S
			60	12	HDB6LEa3C60S	HDB6LEa3D60S
3P+N	400	30	6	11	HDB6LEa6C6S	HDB6LEa6D6S
			10	11	HDB6LEa6C10S	HDB6LEa6D10S
			16	11	HDB6LEa6C16S	HDB6LEa6D16S
			20	11	HDB6LEa6C20S	HDB6LEa6D20S
			25	11	HDB6LEa6C25S	HDB6LEa6D25S
			32	11	HDB6LEa6C32S	HDB6LEa6D32S
			40	14	HDB6LEa6C40S	HDB6LEa6D40S
			50	14	HDB6LEa6C50S	HDB6LEa6D50S
			60	14	HDB6LEa6C60S	HDB6LEa6D60S

Note: 1. Width refers to multiple of 9 mm.

2. If the sensitivity is 30mA, it's marked with "S" in the reference number. Also, 50mA is marked with "W"; 100mA is marked with "Y"; 200mA is marked with "R"; 300mA is marked with "T".

HDB6LE Residual Current Operated Circuit Breaker

Standard: IEC 61009-1

Electronic type: AC

Breaking Capacity: 3000A

Sensitivity: 30,50,100,200,300mA

Order Information



Type	Voltage (V)	Sensitivity (mA)	Rating (A)	Width	Reference	
					C curve	D curve
4P	400	30	6	13	HDB6LEa4C6S	HDB6LEa4D6S
			10	13	HDB6LEa4C10S	HDB6LEa4D10S
			16	13	HDB6LEa4C16S	HDB6LEa4D16S
			20	13	HDB6LEa4C20S	HDB6LEa4D20S
			25	13	HDB6LEa4C25S	HDB6LEa4D25S
			32	13	HDB6LEa4C32S	HDB6LEa4D32S
			40	16	HDB6LEa4C40S	HDB6LEa4D40S
			50	16	HDB6LEa4C50S	HDB6LEa4D50S
			60	16	HDB6LEa4C60S	HDB6LEa4D60S

Note: 1. Width sensitivity refers to multiple of 9 mm.

2. If the sensitivity is 30mA, it's marked with "S" in the reference number. Also, 50mA is marked with "W"; 100mA is marked with "Y"; 200mA is marked with "R"; 300mA is marked with "T".

Technical Data

RCBO	HDB6LE Residual Current Operated Circuit Breaker			
Electrical Features	Standard	IEC 61009-1		
	Electronic Type	AC		
	Poles	1P+N,2P,3P,3P+N,4P		
	Rated Current In	6,10,16,20,25,32,40,50,60A		
	Rated Voltage Ue	230V AC for 1P+N/2P, 400V AC for 3P/3P+N/4P		
	Insulation Voltage Ui	500V		
	Breaking Capacity	3KA		
	Sensitivity	30,50,100,200,300mA		
	Tripping Curve(see following tripping curve pictures)			
	C curve:the magnetic release operates between 5 and 10 D curve:the magnetic release operates between 10 and 14			
Mechanical Features	Electrical Durability	2000 times		
	Mechanical Durability	2000 times		
	Protection Degree	2		
	Tropicalization	treatment 2		
	Ambient Temperature	-5°C ~ +40°C		
Connection	6-32A,Up to 16mm² cables, 40-60A,Up to 25mm² cables			
Installation	Rate current(A)	Screw	Rated Torque (Nm)	Limiting Torque (Nm)
	6-32	M4	2.0	3.0
	40-60	M5	2.5	4.5
Mounting	35mm Din-rail			
Accessories	Contact Accessory:	OF		
	Fault-indicating Accessory:	SD		

HDB6LE Residual Current Operated Circuit Breaker

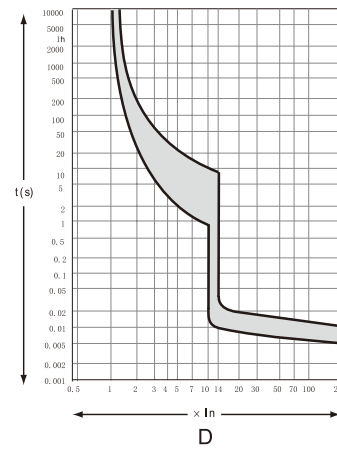
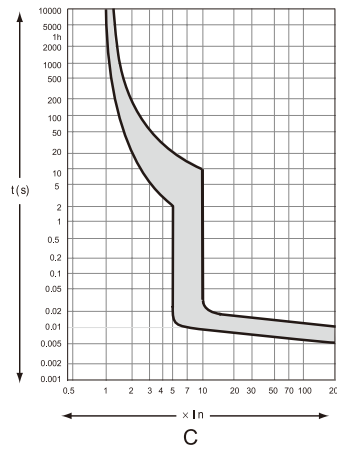
Standard: IEC 61009-1

Electronic type: AC

Breaking Capacity: 3000A

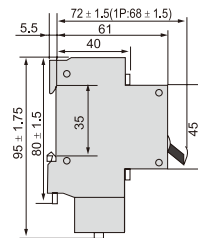
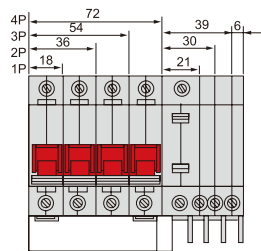
Sensitivity: 30,50,100,200,300mA

Tripping Curves



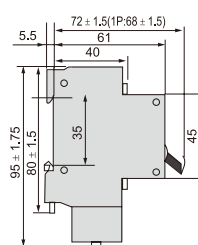
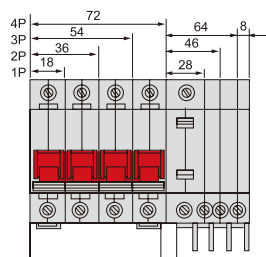
Overall Dimensions

■ HDB6LE-32



Unit:mm
4P: 72+45
3P+N: 54+45
3P: 54+36
2P: 36+27
1P+N: 18+27

■ HDB6LE-60



Unit:mm
4P: 72+72
3P+N: 54+72
3P: 54+54
2P: 36+36
1P+N: 18+36

Accessories



SD

+



OF

+



HDB6LE

HDB6v Residual Current Protection Module

Standard: IEC 61009-1
Electronic type: AC
Sensitivity: 30,100,300mA

Function

HDB6v can be assembled with HDB6s to be residual current breaker overcurrent

- Protection of persons against indirect contacting
- Supplementary protection of persons against direct contacting
- Prevention of electric-caused fire
- Overvoltage protection by products marked "G"

Order Information

Frame	Type	Voltage (V)	Sensitivity (mA)	Width	Reference
V32	1P+N	230	30	5	HDB6v321N
			100	5	HDB6v321NR100
			300	5	HDB6v321NR300
	2P	230	30	7	HDB6v322P
			100	7	HDB6v322PR100
			300	7	HDB6v322PR300
	3P	400	30	10	HDB6v323P
			100	10	HDB6v323PR100
			300	10	HDB6v323PR300
	3P+N		30	11	HDB6v323N
			100	11	HDB6v323NR100
			300	11	HDB6v323NR300
	4P		30	13	HDB6v324P
			100	13	HDB6v324PR100
			300	13	HDB6v324PR300
V63	1P+N	230	30	6	HDB6v631N
			100	6	HDB6v631NR100
			300	6	HDB6v631NR300
	2P	230	30	8	HDB6v632P
			100	8	HDB6v632PR100
			300	8	HDB6v632PR300
	3P	400	30	12	HDB6v633P
			100	12	HDB6v633PR100
			300	12	HDB6v633PR300
	3P+N		30	14	HDB6v633N
			100	14	HDB6v633NR100
			300	14	HDB6v633NR300
	4P		30	16	HDB6v634P
			100	16	HDB6v634PR100
			300	16	HDB6v634PR300

Note: Width refers to mutultiple of 9mm.



HDB6v Residual Current Protection Module

Standard: IEC 61009-1

Electronic type: AC

Sensitivity: 30,100,300mA

Technical Data

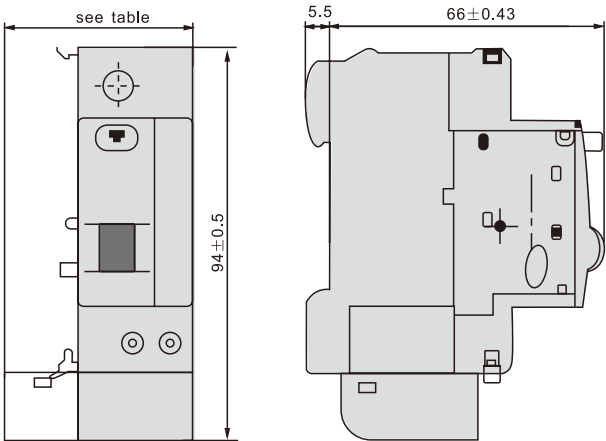
RCBO	HDB6v Residual Current Protection Module			
Electrical Features	Standard	IEC61009-1		
	Electronic Type	AC		
	Poles	1P+N, 2P, 3P, 3P+N, 4P		
	Rated Current In	V32 In≤32A V63 In≤63A		
	Rated Voltage Ue	230/400V AC		
	Rated Insulation Voltage	500V		
	Breaking Capacity	after HDB6s assembled with reference to HDB6s parameters		
	Sensitivity	30,100,300mA		
	Tripping Indication	On HDB6v is a residual opening current indication, which distinguish residual current from other faults		
	Manual Control	Manual control:allows for two kinds of reset HDB6v resets at the same time with breaker HDB6v resets before breaker		
Mechanical Features	"G" products offer overvoltage protection	280V±5% AC,applicable to products with 1P+N and 2P		
	Electrical Durability	2000 times(In≤25A) 1000times(In>25A)		
	Mechanical Durability	2000 times		
	Protection Degree	IP20		
	Tropicaliation	treatrment 2		
Connection	Ambient Temperature	-5°C ~ +40°C		
		-Up to 16mm ² cables(V32) -Up to 25mm ² cables(V63)		
Installation	Rate current(A)	Screw	Rated Torque (Nm)	Limiting Torque (Nm)
	V32	M4	2.2	3.0
	V63	M5	2.5	4.5

HDB6v Residual Current Protection Module

Standard: IEC 61009-1
Electronic type: AC
Sensitivity: 30,100,300mA

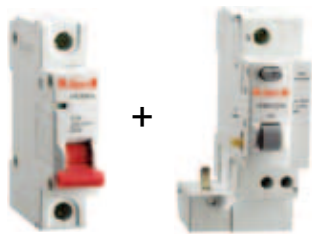
Overall Dimensions

Unit: mm



Pole	V32	V63
1P+N	45±0.32	54±0.37
2P	63±0.37	72±0.43
3P	90±0.5	108±0.57
3P+N	99±0.5	126±0.64
4P	117±0.57	144±0.72

Assembly



HDB6v can be assembled with HDB6s to be residual current breaker overcurrent

- ☐ Protection of persons against indirect contacts
- ☐ Supplementary protection of persons against direct contacting
- ☐ Prevention of electric-caused fire
- ☐ Overvoltage protection by products marked "G"

HDB2LE Residual Current Operated Circuit Breaker

Standard: IEC 60947-2

Electronic type: AC

Breaking Capacity: 10000A

Sensitivity: 30, 100, 300mA

Function

HDB2LE electronic type residual current operated circuit breakers combine the following functions:

- Protection of circuits against overload currents
- Protection of circuits against short-circuit currents
- Protection of users against indirect contact
- Protection of electrical installations against insulation faults (fire hazard, etc)
- Isolation

Order Information

Type	Width	Sensitivity (mA)	Rating (A)	Reference	
				C curve	D curve
1P+N	6	30	63	HDB2LEH1C63S	HDB2LEH1D63S
		30	80	HDB2LEH1C80S	HDB2LEH1D80S
		30	100	HDB2LEH1C100S	HDB2LEH1D100S
		100	63	HDB2LEH1C63Y	HDB2LEH1D63Y
		100	80	HDB2LEH1C80Y	HDB2LEH1D80Y
		100	100	HDB2LEH1C100Y	HDB2LEH1D100Y
		300	63	HDB2LEH1C63T	HDB2LEH1D63T
		300	80	HDB2LEH1C80T	HDB2LEH1D80T
		300	100	HDB2LEH1C100T	HDB2LEH1D100T
2P	9	30	63	HDB2LEH2C63S	HDB2LEH2D63S
		30	80	HDB2LEH2C80S	HDB2LEH2D80S
		30	100	HDB2LEH2C100S	HDB2LEH2D100S
		100	63	HDB2LEH2C63Y	HDB2LEH2D63Y
		100	80	HDB2LEH2C80Y	HDB2LEH2D80Y
		100	100	HDB2LEH2C100Y	HDB2LEH2D100Y
		300	63	HDB2LEH2C63T	HDB2LEH2D63T
		300	80	HDB2LEH2C80T	HDB2LEH2D80T
		300	100	HDB2LEH2C100T	HDB2LEH2D100T
3P	12	30	63	HDB2LEH3C63S	HDB2LEH3D63S
		30	80	HDB2LEH3C80S	HDB2LEH3D80S
		30	100	HDB2LEH3C100S	HDB2LEH3D100S
		100	63	HDB2LEH3C63Y	HDB2LEH3D63Y
		100	80	HDB2LEH3C80Y	HDB2LEH3D80Y
		100	100	HDB2LEH3C100Y	HDB2LEH3D100Y
		300	63	HDB2LEH3C63T	HDB2LEH3D63T
		300	80	HDB2LEH3C80T	HDB2LEH3D80T
		300	100	HDB2LEH3C100T	HDB2LEH3D100T
3P+N	12	30	63	HDB2LEH6C63S	HDB2LEH6D63S
		30	80	HDB2LEH6C80S	HDB2LEH6D80S
		30	100	HDB2LEH6C100S	HDB2LEH6D100S
		100	63	HDB2LEH6C63Y	HDB2LEH6D63Y
		100	80	HDB2LEH6C80Y	HDB2LEH6D80Y
		100	100	HDB2LEH6C100Y	HDB2LEH6D100Y
		300	63	HDB2LEH6C63T	HDB2LEH6D63T
		300	80	HDB2LEH6C80T	HDB2LEH6D80T
		300	100	HDB2LEH6C100T	HDB2LEH6D100T

Note: Width refers to multiple of 9mm .



HDB2LE Residual Current Operated Circuit Breaker

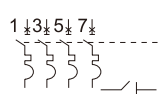
Standard: IEC 60947-2

Electronic type: AC

Breaking Capacity: 10000A

Sensitivity: 30, 100, 300mA

Order Information



Type	Width	Sensitivity (mA)	Rating (A)	Reference	
				C curve	D curve
4P	15	30	63	HDB2LEH4C63S	HDB2LEH4D63S
		30	80	HDB2LEH4C80S	HDB2LEH4D80S
		30	100	HDB2LEH4C100S	HDB2LEH4D100S
		100	63	HDB2LEH4C63Y	HDB2LEH4D63Y
		100	80	HDB2LEH4C80Y	HDB2LEH4D80Y
		100	100	HDB2LEH4C100Y	HDB2LEH4D100Y
		300	63	HDB2LEH4C63T	HDB2LEH4D63T
		300	80	HDB2LEH4C80T	HDB2LEH4D80T
		300	100	HDB2LEH4C100T	HDB2LEH4D100T

Note: Width refers to multiple of 9mm .

Technical Data

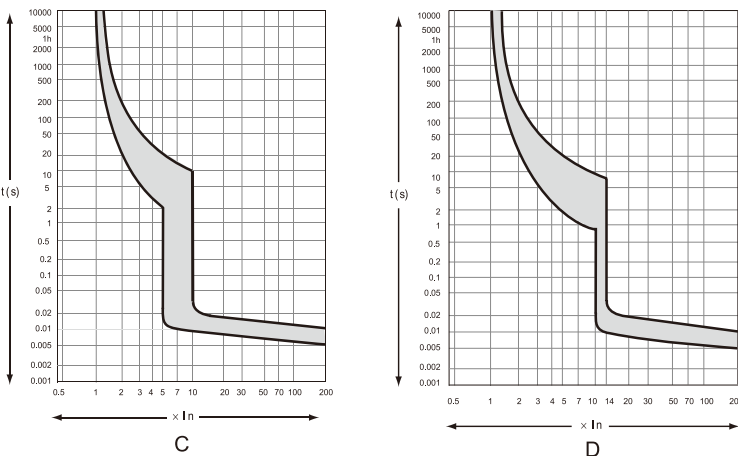
RCBO	HDB2LE Residual Current Operated Circuit Breaker			
Electrical Features	Standard	IEC60947-2		
	Electronic Type	AC		
	Poles	1P+N,2P,3P,3P+N,4P		
	Rated Current In	63,80,100A		
	Rated Voltage Ue	230V for 1P+N; 400V for 2P/3P/3P+N/4P		
	Insulation Voltage	500V		
	Breaking Capacity Ui	10KA		
	Sensitivity	30,100,300mA		
	Tripping Curve (see following tripping curve pictures)			
	C curve:the magnetic release operated between 5 and 10 In D curve:the magnetic release operated between 10 and 14 In			
Mechanical Features	Electrical Durability	1500 times		
	Mechanical Durability	8500 times		
	Protection Degree	2		
	Tropicalization	treatment 2		
	Ambient Temperature	-5°C ~ +40°C		
Connection	Up to 50mm² cables			
Installation	Rate current(A)	Screw	Rated Torque (Nm)	Limiting Torque (Nm)
	63-100	M7	4	5.5
Accessories	Contact Accessory:	OF		
	Shunt -trip Release:	MX+OF		

HDB2LE Residual Current Operated Circuit Breaker

Standard: IEC 60947-2
Electronic type: AC
Breaking Capacity: 10000A
Sensitivity: 30, 100, 300mA

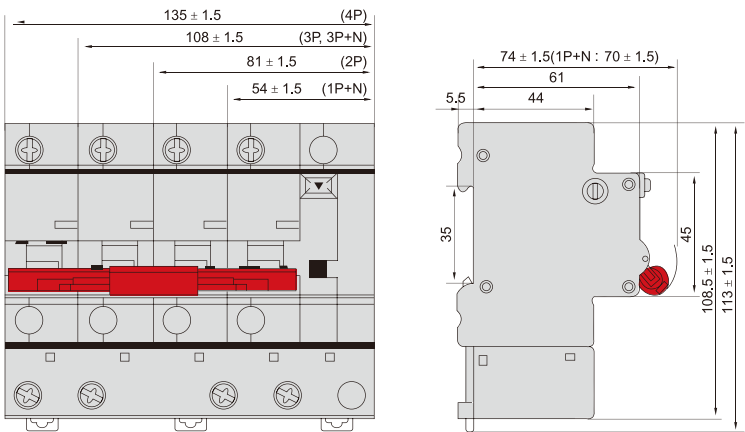
Tripping Curve

HDB2LE Residual Current Operated Circuit Breaker



Overall Dimensions

Unit:mm



Accessories



MX+OF

+



OF

+



HDB2LE

HDB6pLE Residual Current Operated Circuit Breaker

Standard: IEC 61009-1
Electronic type: AC
Breaking Capacity: 4500A
Sensitivity: 30mA



Function

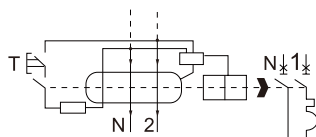
HDB6pLE electronic type residual current operated circuit breakers combine the following functions:

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- Protection of circuits against short-circuit currents
- Protection of users against indirect contacts
- Additional protection for users against direct contacts (30mA)
- Protection of electrical installations against insulation faults (fire hazard, etc)
- Isolation



Order Information

Type	Width (mm)	Rating(A)	Reference
1P+N	36	6	HDB6pLEC6
		10	HDB6pLEC10
		16	HDB6pLEC16
		20	HDB6pLEC20
		25	HDB6pLEC25
		32	HDB6pLEC32
		40	HDB6pLEC40



Technical Data

RCBO	HDB6pLE Residual Current Operated Circuit Breaker			
Electrical Features	Standard		IEC61009-1	
	Certification		CB	
	Electronic Type		AC	
	Poles		1P+N	
	Rated Current In		6,10,16,20,25,32,40A	
	Rated Voltage Ue		230V AC	
	Insulation Voltage Ui		500V	
	Breaking Capacity		4.5KA	
	Sensitivity		30mA	
	Tripping Curve (see following tripping curve pictures)			
C curve:the magnetic release operates between 5 and 10 In				
Mechanical Features	Electrical Durability		2000 times	
	Mechanical Durability		4000 times	
	Protection Degree		2	
	Tropicalization		treatment 2	
	Ambient Temperature		-5℃~+40℃	
Connection	Up to 25mm ² cables			
Installation	Rate current(A)	Screw	Rated Torque (Nm)	Limiting Torque (Nm)
	6-40	M5	2.5	4.5
Mounting	35mm Din-rail			

HDB6pLE Residual Current Operated Circuit Breaker

Standard: IEC 61009-1

Electronic type: AC

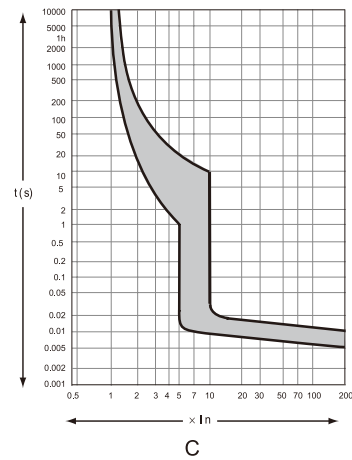
Breaking Capacity: 4500A

Sensitivity: 30mA



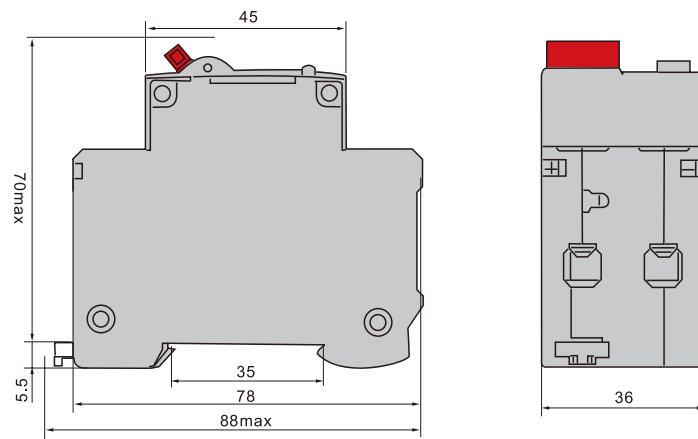
Tripping Curve

HDB6pLE Residual Current Operated Circuit Breaker



Overall Dimensions

Unit:mm



HDB3LE Residual Current Operated Circuit Breaker

Standard: IEC 61009-1
Electronic type: AC
Breaking Capacity: 4500A
Sensitivity: 30mA

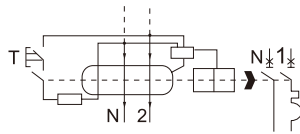
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- Protection of users against indirect contact
- Additional protection for users against direct contacts (30mA)
- Protection of electrical installations against insulation faults (fire hazard, etc)
- Isolation

Order Information

Type	Width (mm)	Rating(A)	Reference
1P+N	36	6	HDB3LEL5C6S
		10	HDB3LEL5C10S
		16	HDB3LEL5C16S
		20	HDB3LEL5C20S
		25	HDB3LEL5C25S
		32	HDB3LEL5C32S
		40	HDB3LEL5C40S



Technical Data

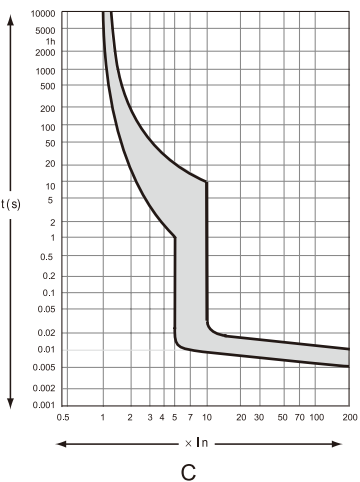
RCBO	HDB3LE Residual Current Operated Circuit Breaker			
Electrical Features	Standard	IEC61009-1		
	Electronic Type	AC		
	Poles	1P+N		
	Rated Current In	6,10,16,20,25,32,40A		
	Rated Voltage Ue	230V AC		
	Insulation Voltage Ui	500V		
	Breaking Capacity	4.5KA		
	Sensitivity	30mA		
	Tripping Curve (see following tripping curve pictures)			
C curve:the magnetic release operates between 5 and 10 In				
Mechanical Features	Electrical Durability	2000 times		
	Mechanical Durability	2000 times		
	Protection Degree	2		
	Tropicalization	treatment 2		
	Ambient Temperature	-5°C ~ +40°C		
Connection	Up to 16mm ² cables			
Installation	Rate current(A)	Screw	Rated Torque (Nm)	Limiting Torque (Nm)
	6-40	M5	2.5	4.5
Mounting	35mm Din-rail			

HDB3LE Residual Current Operated Circuit Breaker

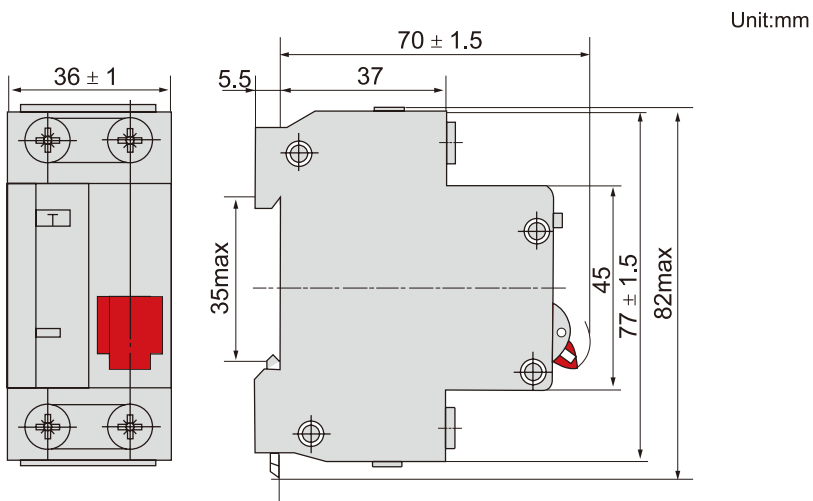
Standard: IEC 61009-1
Electronic type: AC
Breaking Capacity: 4500A
Sensitivity: 30mA

Tripping Curve

HDB3LE Residual Current Operated Circuit Breaker



Overall Dimensions



HDL6SP Residual Current Operated Circuit Breaker

Standard: IEC61009-1
Breaking Capacity: 6000A
Sensitivity: 30mA

Function

HDL6SP Single phase residual current operated circuit breaker can offer earth leakage protection. Usually it can be used with HDB6S.

Order Information

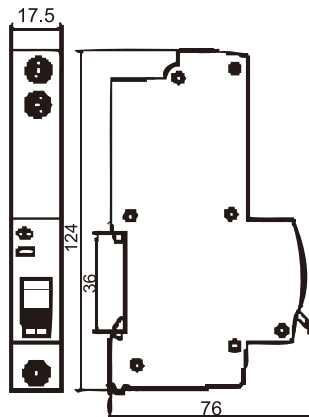


Poles	Rating (A)	Sensitivity	Reference	
			B Curve	C Curve
1P+N	6	30mA	HDL6SPN5B6S	HDL6SPN5C6S
	10	30mA	HDL6SPN5B10S	HDL6SPN5C10S
	16	30mA	HDL6SPN5B16S	HDL6SPN5C16S
	20	30mA	HDL6SPN5B20S	HDL6SPN5C20S
	25	30mA	HDL6SPN5B25S	HDL6SPN5C25S
	32	30mA	HDL6SPN5B32S	HDL6SPN5C32S
	40	30mA	HDL6SPN5B40S	HDL6SPN5C40S

Technical information

Standard	IEC61009
Breaking Capacity	6KA
Poles	1P+N
Rated Current	6,10,16,20,25,32,40A
Rated Voltage	230VAC
Rated Tripping Current	10mA
Residual Current off time	≤0.1s
Characteristic	B.C
Electrical endurance	10000
Mechanical endurance	20000
Protection degree	- 25℃~40℃
Connection terminal	Flexible conductor 16mm ²
	Rigid conductor 25mm ²
Type of terminal	Lug type and Pin type

Overall Dimensions



HDB6VR

Residual Current Operated Circuit Breaker

Standard: IEC 61008-1

RCCB Type: A C, A

Sensitivity: 30, 100, 300mA

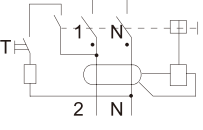
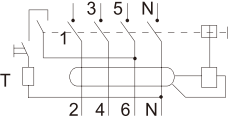


Function

HDB6VR Residual current operated circuit breakers combine the following functions:

- Protection for users against indirect contacts
- Additional protection for users against direct contacts (30mA)
- Protection for electrical installations against insulation faults (fire hazard, etc)

Order Information

Type	Width (in mod. of 9mm)	Rating (A)	Sensitivity (mA)	Reference	
				AC type	A type
2P 63AF 4		10	30	HDB6VR210SC	HDB6VR210SA
			100	HDB6VR210YC	HDB6VR210YA
			300	HDB6VR210TC	HDB6VR210TA
		16	30	HDB6VR216SC	HDB6VR216SA
			100	HDB6VR216YC	HDB6VR216YA
			300	HDB6VR216TC	HDB6VR216TA
		25	30	HDB6VR225SC	HDB6VR225SA
			100	HDB6VR225YC	HDB6VR225YA
			300	HDB6VR225TC	HDB6VR225TA
		40	30	HDB6VR240SC	HDB6VR240SA
			100	HDB6VR240YC	HDB6VR240YA
			300	HDB6VR240TC	HDB6VR240TA
		63	30	HDB6VR263SC	HDB6VR263SA
			100	HDB6VR263YC	HDB6VR263YA
			300	HDB6VR263TC	HDB6VR263TA
		100AF	30	HDB6VR280SC	HDB6VR280SA
			100	HDB6VR280YC	HDB6VR280YA
			300	HDB6VR280TC	HDB6VR280TA
4P 63AF 8		10	30	HDB6VR410SC	HDB6VR410SA
			100	HDB6VR410YC	HDB6VR410YA
			300	HDB6VR410TC	HDB6VR410TA
		16	30	HDB6VR416SC	HDB6VR416SA
			100	HDB6VR416YC	HDB6VR416YA
			300	HDB6VR416TC	HDB6VR416TA
		25	30	HDB6VR425SC	HDB6VR425SA
			100	HDB6VR425YC	HDB6VR425YA
			300	HDB6VR425TC	HDB6VR425TA
		40	30	HDB6VR440SC	HDB6VR440SA
			100	HDB6VR440YC	HDB6VR440YA
			300	HDB6VR440 TC	HDB6VR440TA
		63	30	HDB6VR463 SC	HDB6VR463 S A
			100	HDB6VR463 YC	HDB6VR463 Y A
			300	HDB6VR463 TC	HDB6VR463 T A
		100AF	30	HDB6VR480 SC	HDB6VR480 S A
			100	HDB6VR480 YC	HDB6VR480 Y A
			300	HDB6VR480 TC	HDB6VR480 T A
		100	30	HDB6VR4100SC	HDB6VR4100SA
			100	HDB6VR4100YC	HDB6VR4100YA
			300	HDB6VR4100TC	HDB6VR4100TA



HDB6VR Residual Current Operated Circuit Breaker

Standard: IEC 61008-1
RCCB Type: AC,A
Sensitivity: 30, 100, 300mA



RCCB	HDB6VR Residual Current Operated Circuit Breaker			
Electrical Features	Standard	IEC 61008-1		
	Certification	TUV,CE,CB		
	Type	AC,A		
	Poles	2P , 4P		
	Rated Current In	10,16,25,32,40,63,80,100 A		
	Rated Voltage Ue	230/400V AC		
	Insulation Voltage Ui	500V		
	Sensitivity	30,100,300mA		
Mechanical Features	Electrical Durability	1000 times		
	Mechanical Durability	2000 times		
	Overload or Short Circuit Protection	no		
	Tripping Indication	Instantaneous, rated residual operated current, unadjustable		
	Fault Curren Indicator	Mechanical indication in the front		
	Protection Degree	2		
	Tropicalization	Treatment 2		
	Ambient Temperature	-25℃~+40℃		
Connection	Up to 25mm ² cables(In≤63A)		Up to 35mm ² cables(In>63A)	
Installation	Rate current(A)	Screw	Rated Torque (Nm)	Limiting Torque (Nm)
	25-100	M5	2.0	4.5
Mounting	35mm Din-rail			
Power source Auxiliary	No need			

Overall Dimensions

Unit:mm

