

HDB6pLE Residual Current Operated Circuit Breaker

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



Function

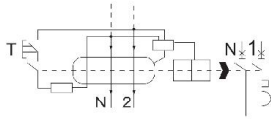


HDB6pLE electronic type residual current operated circuit breakers combine the following functions:

- Protection of circuits against overload currents
- Protection of circuits against short-circuit currents
- Protection of users against indirect contact
- 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	IEC/EN 61009-1		
	Certification	CB CE SEMKO		
	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°C~+40°C		
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			

Final Distribution

HDB6pLE Residual Current Operated Circuit Breaker

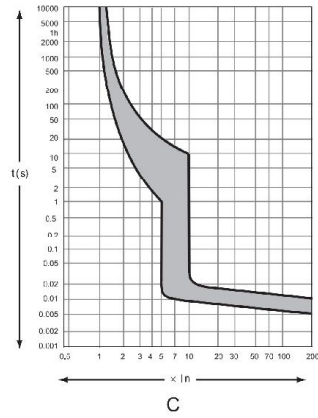
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Final Distribution

Tripping Curve

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Overall Dimensions

Unit:mm

