

HDB9PLE Residual Current Operated Circuit Breaker (RCBO)

Standard: IEC/EN 61009-1
Electronic type: AC
Breaking Capacity: 6000A

Sensitivity: 10mA, 30mA



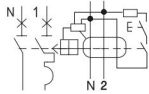
Function

HDB9PLE electronic type residual current operated circuit breakers combine the following functions:

- Protection of circuits against overload currents
- Protection against short-circuit currents
- Protection against indirect contacts
- Additional protection for users against direct contacts (10mA, 30mA)
- Protection for electrical installations against insulation faults (fire hazard, etc.)
- Isolation

Order Information

Type	Rating (A)	Breaking Capacity (kA)	Sensitivity (mA)	Reference
				C curve
1P+N	6	6	10	HDB9PLEN40C6L
	10	6	10	HDB9PLEN40C10L
	16	6	10	HDB9PLEN40C16L
	20	6	10	HDB9PLEN40C20L
	25	6	10	HDB9PLEN40C25L
	32	6	10	HDB9PLEN40C32L
	40	6	10	HDB9PLEN40C40L
	6	6	30	HDB9PLEN40C6s
	10	6	30	HDB9PLEN40C10s
	16	6	30	HDB9PLEN40C16s
	20	6	30	HDB9PLEN40C20s
	25	6	30	HDB9PLEN40C25s
	32	6	30	HDB9PLEN40C32s
	40	6	30	HDB9PLEN40C40s



Technical Data

RCBO		HDB9PLE Residual Current Operated Circuit Breaker					
Electrical Features	Standard	IEC/EN 61009-1					
	Certificate	CB,CE,TUV					
Mechanical Features	Electronic Type	AC					
	Poles	1P+N					
	Rated Current In (A)	6, 10, 16, 20, 25, 32, 40					
	Insulation Voltage Ui	500V					
	Breaking Capacity	6000A					
	Sensitivity	10mA, 30mA					
	Tripping Curve (see following tripping curve pictures)						
	C Curve: the magnetic release operates between 5 and 10 In						
Rated Current, A	6	10	16,20	25	32	40	
	Cross-sectional area of conductor mm ²						
	1	1.5	2.5	4	6	10	

HDB9PLE Residual Current Operated Circuit Breaker (RCBO)

Standard: IEC/EN 61009-1

Electronic type: AC

Breaking Capacity: 6000A

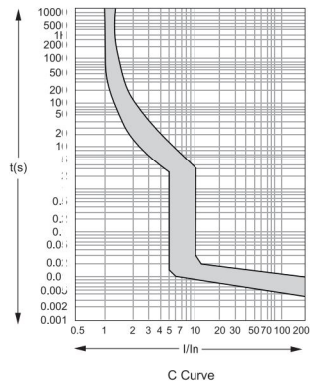
Sensitivity: 10mA, 30mA



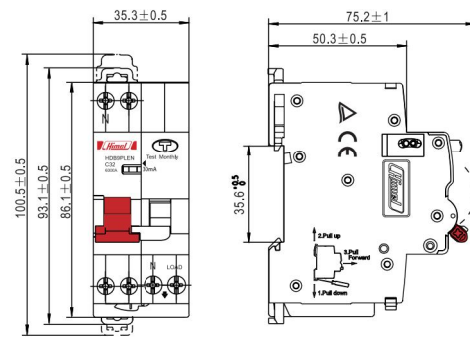
Technical Data

RCBO		HDB9PLE Residual Current Operated Circuit Breaker		
Connection	6 - 40A, up to 25mm ² cables			
Electrical Features	Rated Current(A)	Screw	Rated Torque (Nm)	Limiting Torque (Nm)
	6-40	M4	2.0	3.0
Mounting	35mm Din-Rail			

Tripping Curve



Overall Dimensions



Accessories

