

HDB3 Phase-neutral Circuit Breaker

Standard: IEC 60898-1
 Trip Curve: C curve
 Breaking Capacity: 3000A



Function

HDB3 phase-neutral circuit breakers combine the following functions:

- Protection of circuits against overload currents
- Protection of circuits against short-circuit currents
- Control
- Isolation

Order Information



Type	Rating (A)	Width (in mod.of 9mm)	Reference
			C curve
1P+N	6	2	HDB3a5C6
	10	2	HDB3a5C10
	16	2	HDB3a5C16
	20	2	HDB3a5C20
	25	2	HDB3a5C25
	32	2	HDB3a5C32

Technical Data

MCB	HDB3 Phase-neutral Circuit Breaker			
Electrical Features	Standard	IEC60898-1		
	Certification	CE, CB SEMKO		
	Poles	1P+N		
	Rated Current In	6,10,16,20,25,32A		
	Rated Voltage Ue	230V AC		
	Insulation Voltage Ui	500V		
	Breaking Capacity Icn	3kA		
	Tripping Curve (see following tripping curve pictures)			
C curve:the magnetic release operates between 5 and 10In				
Mechanical Features	Electrical Durability	4000 times		
	Mechanical Durability	16000 times		
	Protection Degree	2		
	Tropicalization	treatment 2		
	Ambient Temperature	-5°C ~ +40°C		
Connection	Up to 10mm ² cables			
Installation	Rate current(A)	Screw	Rated Torque (Nm)	Limiting Torque (Nm)
	6-32	M4	2	3
Mounting	35mm Din-rail			

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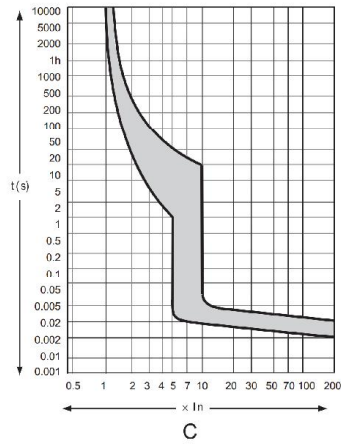
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Tripping Curves



Final Distribution

Overall Dimensions

Unit: mm

