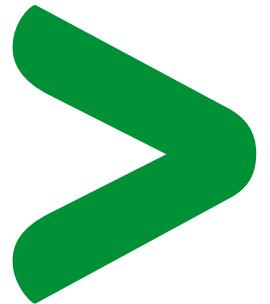
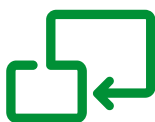


Compact NS

LV circuit breakers from 630 to 3200 A



Network
protection



Compact



Supervision

Schneider
Electric

Compact NS circuit breakers

from 630 A up to 3200 A

> Functions and characteristics



Compact NS800L



Compact NS2000H

Compact circuit breakers

Number of poles				
Control	manual	toggle		
	electric	direct or extended rotary handle		
Type of circuit breaker				
Connections	fixed	front connection		
		rear connection		
		front connection with bare cables		
	withdrawable (on chassis)	front connection		
		rear connection		
Electrical characteristics as per Nema AB1				
Breaking capacity at 60 Hz (kA)		240 V		
		480 V		
		600 V		
Electrical characteristics as per IEC 60947-2 and EN 60947-2				
Rated current (A)		In	50 °C	
			65 °C ⁽¹⁾	
Rated insulation voltage (V)		Ui		
Rated impulse withstand voltage (kV)		Uimp		
Rated operational voltage (V)		Ue	AC 50/60 Hz	
Type of circuit breaker				
Ultimate breaking capacity (kA rms)	Manual	Icu	AC	220/240 V
			50/60 Hz	380/415 V
				440 V
		Ics	500/525 V	
			660/690 V	
	Electrical	Icu	AC	220/240 V
			50/60 Hz	380/415 V
				440 V
		Ics	500/525 V	
			660/690 V	
Short-time withstand current (kA rms)	Icw	AC	1 s	
		50/60 Hz	3 s	
	Integrated instantaneous protection		kA peak ±10 %	
	Suitability for isolation			
	Utilisation category			
Durability (C-O cycles)	mechanical			
	electrical	440 V	In/2	
		690 V	In/2	
			In	
Pollution degree				

⁽¹⁾ 65 °C with vertical connections. See the temperature derating tables in Compact NS catalogue, for other types of connections.

⁽²⁾ Ics: 100 % Icu for breaking capacity 440V/500V/660V
Ics: 75 % Icu for breaking capacity 220V/380V.



	NS630b				NS800				NS1000				NS1250		NS1600		NS1600b		NS2000		NS2500		NS3200													
	3, 4								3, 4								3, 4				3, 4															
	●								●								●				●															
	●								●								●				-															
	● (except LB)								●								●				-															
	N	H	L	LB	N	H	L	LB	N	H	L	LB	N	H	N	H	N	H	N	H	N	H	N	H												
	●	●	●	-	●	●	●	-	●	●	●	-	●	●	●	●	●	●	●	●	-	-	●	●												
	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	-	-	-	-													
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	50	65	125	200	50	65	125	200	50	65	125	200	50	65	50	65	50	65	85	125	85	125	85	125												
	35	50	100	200	35	50	100	200	35	50	100	200	35	50	35	50	35	50	65	85	65	85	65	85												
	25	50	-	100	25	50	-	100	25	50	-	100	25	50	25	50	25	50	50	-	50	-	50	-												
	630				800				1000				1250				1600				1600				2000				2500				3200			
	630				800				1000				1250				1510				1550				1900				2500				2970			
	800								800								800				800				800											
	8								8								8				8				8											
	690								690								690				690				690											
	N	H	L	LB	N	H	L	LB	N	H	L	LB	N	H	N	H	N	H	N	H	N	H	N	H												
	85	85	150	200	85	85	150	200	85	85	150	200	85	85	85	85	85	85	85	125	85	125	85	125												
	50	70	150	200	50	70	150	200	50	70	150	200	50	70	50	70	50	70	70	85	70	85	70	85												
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	50	52	150	200	50	52	150	200	50	52	150	200	50	52	37	37	37	37	65	94	65	94	65	94												
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	10000								10000								10000				10000				5000											
	6000	6000	4000	4000	6000	6000	4000	4000	5000				5000		5000		5000		3000				3000													
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	2000	2000	2000	2000	2000	2000	2000	2000	2000				1000		1000		1000		1000				1000													
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