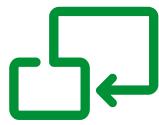


Compact NS

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 direct or extended rotary handle
	electric	

Type of circuit breaker

Connections	fixed	front connection rear connection
	withdrawable (on chassis)	front connection with bare cables 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)
Ultimate breaking capacity (kA rms)	Manual	Icu	AC 50/60 Hz 220/240 V 380/415 V 440 V 500/525 V 660/690 V
		Ics	AC 50/60 Hz 220/240 V 380/415 V 440 V 500/525 V 660/690 V
	Electrical	Icu	AC 50/60 Hz 220/240 V 380/415 V 440 V 500/525 V 660/690 V
		Ics	AC 50/60 Hz 220/240 V 380/415 V 440 V 500/525 V 660/690 V
Short-time withstand current (kA rms)	Icw	AC 50/60 Hz	1 s 3 s
Integrated instantaneous protection			kA peak ±10 %
Suitability for isolation			
Utilisation category			
Durability (C-O cycles)	mechanical electrical	440 V 690 V	In/2 In 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		3, 4		3, 4	
•					•				•		•		•			
•					•				•		•		-			
• (except LB)					•				•		-		-			
N H L LB	N H L	N H L	N H	N H	N H	N H	N H	N H	N H	N H	N H	N H	N H	N H	N H	N H
• • • -	• • •	• • •	• •	• •	• • •	• • •	• •	• •	• •	• •	• •	• •	• •	• •	• •	• •
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N H L LB	N H L	N H L	N H	N H	N H	N H	N H	N H	N H	N H	N H	N H	N H	N H	N H	N H
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35 50 100 200	35 50 100	35 50 100	35 50	35 50	35 50	35 50	35 50	35 50	35 50	35 50	35 50	35 50	35 50	35 50	65 85	65 85
25 50 - 100	25 50	- 100	25 50	-	25 50	25 50	25 50	25 50	25 50	25 50	25 50	25 50	25 50	25 50	50 -	50 -
630 800	630 800	1000 1000	1250 1250	1600 1510	1600 1510	2000 1900	2500 2500	3200 2970								
800		800	800	800	800	800	800	800								
8		8	8	8	8	8	8	8								
690		690	690	690	690	690	690	690								
N H L LB	N H L	N H L	N H	N H	N H	N H	N H	N H	N H	N H	N H	N H	N H	N H	N H	N H
85 85 150 200	85 85 150	85 85 200	85 85	85 85	85 85	85 85	85 85	85 85	85 85	85 85	85 85	85 85	85 85	85 85	85 125	85 125
50 70 150 200	50 70 150	50 70 200	50 70	50 70	50 70	50 70	50 70	50 70	50 70	50 70	50 70	50 70	50 70	50 70	70 85	70 85
50 65 130 200	50 65 130	50 65 200	50 65	50 65	50 65	50 65	50 65	50 65	50 65	50 65	50 65	50 65	50 65	50 65	65 85	65 85
40 50 100 100	40 50 100	40 50 100	40 50	40 50	40 50	40 50	40 50	40 50	40 50	40 50	40 50	40 50	40 50	40 50	65 -	65 -
30 42 - 75	30 42	- 75	30 42	-	30 42	30 42	30 42	30 42	30 42	30 42	30 42	30 42	30 42	30 42	65 -	65 -
50 52 150 200	50 52 150	50 52 200	50 52	50 52	50 52	50 52	50 52	50 52	50 52	50 52	50 52	50 52	50 52	50 52	65 94	65 94
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50 48 130 200	50 48 130	50 48 200	50 48	50 48	50 48	50 48	50 48	50 48	50 48	50 48	50 48	50 48	50 48	50 48	65 64	65 64
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