

Protection of distribution systems

Compact NS circuit breakers from 630b up to 3200 A



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			
		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)	Uoe	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	
				500/525 V	
				660/690 V	
	Ics	AC	220/240 V		
			380/415 V		
			440 V		
			500/525 V		
				660/690 V	
Electrical	Icu	AC	220/240 V		
		50/60 Hz	380/415 V		
		440 V			
		500/525 V			
			660/690 V		
Ics	AC	220/240 V			
		380/415 V			
		440 V			
		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		
			In		
Pollution degree					

	NS630b				NS800				NS1000				NS1250				NS1600				NS1600b				NS2000				NS2500				NS3200															
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(1) 65 °C with vertical connections. See the temperature derating tables for other types of connections.

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

