

Direct access to energy efficiency

Compact NSX ••• 100-630A
Next-generation circuit breakers



Energy
measurement
and control



Increased
energy
availability



Safety and
protection

Schneider
 **Electric**



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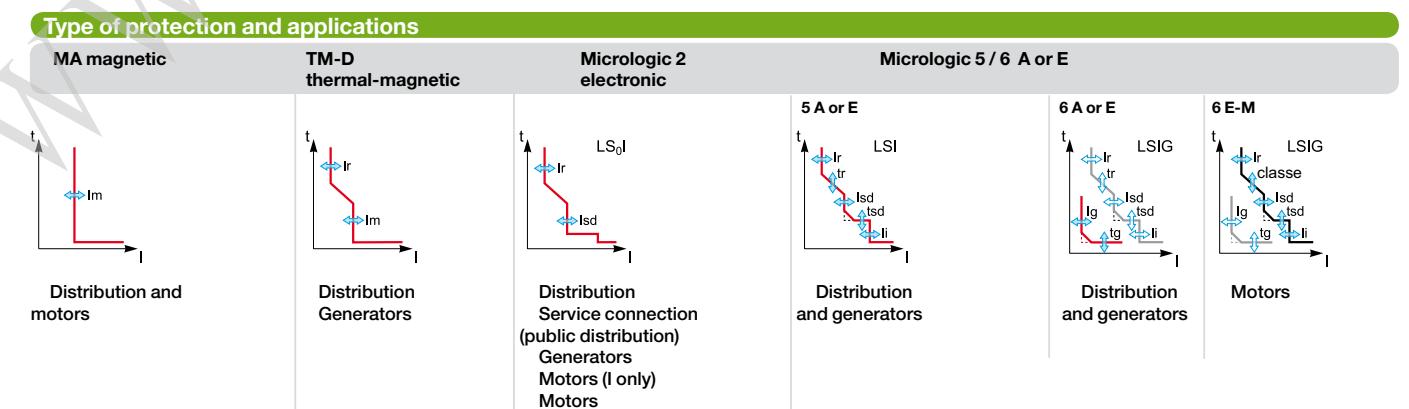
Compact NSX •••

Characteristics

Common characteristics		
Rated voltages		
Insulation voltage (V)	Ui	800
Impulse withstand voltage (kV)	Uiimp	8
Operational voltage (V)	Ue 50/60 Hz	690
Suitability for isolation	IEC/EN 60947-3	yes
Utilisation category		A
Pollution degree	IEC 60664-1	3

Control		
Manual	With toggle	<input checked="" type="checkbox"/>
	With direct or extended rotary handle	<input checked="" type="checkbox"/>
Electrical		
	With remote control	<input checked="" type="checkbox"/>
Versions		
Fixed		<input checked="" type="checkbox"/>
Withdrawable	Plug-in base	<input checked="" type="checkbox"/>
	Chassis	<input checked="" type="checkbox"/>

Circuit breakers		
Breaking-capacity levels		
Electrical characteristics as per CEI/IEC 60947-2		
Rated current (A)	In 40 °C	
Number of poles		
Breaking capacity (kA rms)		
Icu 50/60 Hz	220/240 V 380/415 V 440 V 500 V 525 V 660/690 V	
Service breaking capacity (kA rms)		
Ics 50/60 Hz	220/240 V 380/415 V 440 V 500 V 525 V 660/690 V	
Durability (C-O cycles)	Mechanical	
Electrical	440 V In/2 690 V In/2	In In
Characteristics as per Nema AB1		
Breaking capacity (kA rms)	50/60 Hz	240 V 480 V 600 V
Characteristics as per UL 508		
Breaking capacity (kA rms)	50/60 Hz	240 V 480 V 600 V





NSX100					NSX160					NSX250					NSX400				NSX630			
F	N	H	S	L	F	N	H	S	L	F	N	H	S	L	N	H	S	L	N	H	S	L
100					160					250					400				630			
2, 3, 4					2, 3, 4					2, 3, 4					3, 4				3, 4			
85	90	100	120	150	85	90	100	120	150	85	90	100	120	150	85	100	120	150	85	100	120	150
36	50	70	100	150	36	50	70	100	150	36	50	70	100	150	50	70	100	150	50	70	100	150
35	50	65	90	130	35	50	65	90	130	35	50	65	90	130	42	65	90	130	42	65	90	130
25	36	50	65	70	30	36	50	65	70	30	36	50	65	70	30	50	65	70	30	50	65	70
22	35	35	40	50	22	35	35	40	50	22	35	35	40	50	22	35	40	50	22	35	40	50
8	10	10	15	20	8	10	10	15	20	8	10	10	15	20	10	20	25	35	10	20	25	35
50000					40000					20000					15000				15000			
50000					20000					20000					12000				8000			
30000					10000					10000					6000				4000			
20000					15000					10000					6000				6000			
10000					7500					5000					3000				2000			
85	90	100	120	150	85	90	100	120	150	85	90	100	120	150	85	100	120	150	85	100	120	150
35	50	65	90	130	35	50	65	90	130	35	50	65	90	130	42	65	90	130	42	65	90	130
8	20	35	40	50	20	20	35	40	50	20	20	35	40	50	20	35	40	50	20	35	40	50
85	85	85	-	-	85	85	85	-	-	85	85	85	-	-	85	85	-	-	85	85	-	-
25	50	65	-	-	35	50	65	-	-	35	50	65	-	-	50	65	-	-	50	65	-	-
10	10	10	-	-	10	10	10	-	-	15	15	15	-	-	20	20	-	-	20	20	-	-

Circuit breakers and trip units

COMPACT NSX 100/160/250

MA Distribution and motors	TM-D Distribution and TM-G Generators	2.2 Distribution and generators 2.2-G Generators 2.2-M Motors	5.2 A Distribution and generators 5.2 E Distribution and generators	6.2 A Distribution and generators 6.2 E Distribution and generators

COMPACT NSX 400/600

1.3-M Distribution and motors	2.3 Distribution and generators 1.3-M Motors (I only) 2.3-M Motors	5.3 A Distribution and generators 5.3 E Distribution and generators	6.3 A Distribution and generators 6.3 E Distribution and generators