

Compact NSX/NSD

MCCB 塑殼斷路器

General Characteristics 一般特性

	Compact NSX MCCB	Compact NSD MCCB
Compliance with Standards 符合的標準	Circuit breakers and auxiliaries comply with the following international recommendations: ■ IEC 60947-1: general rules ■ IEC 60947-2: circuit breakers ■ IEC 60947-3: switches, disconnectors, switch-disconnectors, etc ■ IEC 60947-4: contactors and motor starters ■ IEC 60947-5.1 and following: control circuit devices and switching elements; automatic control components They also comply with the specifications of the marine classification companies. 斷路器及輔件符合下列國際推薦標準: ■ IEC 60947-1: 總則 ■ IEC 60947-2: 斷路器 ■ IEC 60947-3: 開關、隔離開關、負荷開關等 ■ IEC 60947-4: 接觸器和馬達起動器 ■ IEC 60947-5.1 及其餘部份: 控制設備和開關;自動控制元件產品還遵循航海設備標準。	Circuit breakers and auxiliaries comply with the following international recommendations: ■ IEC 60947-1: general rules ■ IEC 60947-2: circuit breakers ■ IEC 60947-4: contactors and motor starters ■ IEC 60947-5.1: control circuit devices and switching elements; automatic control components 斷路器及輔件符合下列國際推薦標準: ■ IEC 60947-1: 總則 ■ IEC 60947-2: 斷路器 ■ IEC 60947-4: 接觸器和馬達起動器 ■ IEC 60947-5.1: 控制設備和開關;自動控制元件
Pollution degree 污染等級	Certified for operation in pollution-degree III environments as defined by IEC standard 60947-1 & 60664-1 (industrial environments). 可於IEC標準60947-1及60664-1 (工業環境) 三級污染等級的環境中使用。	Certified for operation in pollution-degree III environments as defined by IEC standard 60947 (industrial environments). 可於IEC標準60947 (工業環境) 三級污染等級的環境中使用。
Tropicalisation 抗濕熱措施	Circuit breakers have successfully passed the tests prescribed by the following standards for extreme atmospheric conditions: ■ IEC 60068-2-1: dry cold (-55 °C) ■ IEC 60068-2-2: dry heat (+85 °C) ■ IEC 60068-2-30: damp heat (95% relative humidity at 55 °C) ■ IEC 60068-2-5-2: salt mist (severity level 2) 斷路器成功通過下列極端環境操作測試: ■ IEC 60068-2-1: 乾凍 (-55 °C) ■ IEC 60068-2-2: 乾熱 (+85 °C) ■ IEC 60068-2-30: 濕熱 (55 °C 時95%相對濕度) ■ IEC 60068-2-5-2: 鹽霧試驗 (嚴格級數二)	Circuit breakers and auxiliaries comply with T2 tropicalisation requirements as laid out in the following standards: ■ IEC 68-2-30: damp heat (95% relative humidity at 55 °C) ■ IEC 68-2-11: salt spray 斷路器及輔件符合以下標準所列出的T2抗濕熱措施要求: ■ IEC 68-2-30: 濕熱 (55 °C 時95%相對濕度) ■ IEC 68-2-11: 鹽霧試驗
Environmental protection 環境保護	Taking into account concerns for environmental protection, most components are recyclable and the parts are marked as specified in applicable standards. ■ Respects the European environment directive EC/2002/95 concerning the restriction of hazardous substances (RoHS) ■ Setting up an environmental management system certified ISO 14001. 考慮了環境保護問題，大部分的零件可以循環再用，部件上註明了應用標準。 ■ 符合歐洲電子產品環保聲明EC/2002/95 (RoHS) ■ 所有Compact NSX生產工廠都符合ISO 14001標準。	Taking into account concerns for environmental protection, most components are recyclable and the parts are marked as specified in applicable standards. 考慮了環境保護問題，大部分的零件可以循環再用，部件上註明了應用標準。

Compact NSX MCCB 塑殼斷路器

Micrologic Control Trip Units 脫扣器

Functions and Characteristics 功能及特性

Compact NSX 100 / 160 / 250

Thermal magnetic TM trip units 熱磁脫扣器

Thermal magnetic trip units 熱磁脫扣器		TM16D to 250D												TM16G to 63G				
Ratings 額定電流 (A)	In at 40 °C ⁽¹⁾	16	25	32	40	50	63	80	100	125	160	200	250	16	25	40	63	
Circuit breaker 斷路器	Compact NSX100	■	■	■	■	■	■	■	■	-	-	-	-	■	■	■	■	
	Compact NSX160	-	-	■	■	■	■	■	■	■	■	-	-	-	■	■	■	
	Compact NSX250	-	-	-	-	-	■	■	■	■	■	■	■	-	-	■	■	
Thermal protection 熱式保護																		
Pick-up 設定值 (A)	I _r = I _n x...	adjustable in amps from 0.7 to 1 x I _n . 在 0.7至 1 x I _n 範圍內可進行調節																
tripping between 1.05 and 1.20 I _r 在 1.05 至 1.20 I _r 之間脫扣																		
Magnetic protection 磁式保護																		
Pick-up 設定值 (A)	I _m	fixed 固定											adjustable 可調節		fixed 固定			
accuracy 精確度 ±20%	Compact NSX100	190	300	400	500	500	500	640	800					63	80	80	125	
	Compact NSX160/250	190	300	400	500	500	500	640	800	1250	1250			5 to 10xin	63	80	80	125
Time delay 時間延遲	t _m	fixed 固定																

Electronic trip units 電子脫扣器, Micrologic 2.2 (distribution purpose 配電系統專用)

Ratings 額定電流 (A)	In at 40 °C ⁽¹⁾	40	100	160	250
Circuit breaker 斷路器	Compact NSX100	■	■	-	-
	Compact NSX160	■	■	■	-
	Compact NSX250	■	■	■	■
Tripping thresholds 脫扣電流值 (A)	Long-time 長延時	I _r			
	Tripping time at 脫扣時間 1.5xI _r (s)	Micrologic 2.2			
	Short-time 短延時	I _{sd}			
		Micrologic 2.2			
		Adjustable from 1.5 to 10 在 1.5 至 10 範圍內進行調節			

Electronic Micrologic trip unit for motor protection 電子脫扣器 (馬達保護專用), Micrologic 2.2-M

Ratings 額定電流 (A)	In at 65 °C ⁽¹⁾	25	50	100	150	220				
Circuit breaker 斷路器	Compact NSX100	■	■	■	-	-				
	Compact NSX160	■	■	■	■	-				
	Compact NSX250	■	■	■	■	■				
L Overloads (or thermal protection): Long-time protection and trip class 過載保護(或熱保護)：長延時保護及脫扣等級										
Pick-up 設定值 (A) tripping between 1.05 and 1.20 I _r 在 1.05 至 1.20 I _r 之間脫扣	I _r I _n = 25A I _r = I _n = 50A I _r = I _n = 100A I _r = I _n = 150A I _r = I _n = 220A I _r =	value depending on trip unit rating (I _n) and setting on dial 脫扣器額定電流 (I _n) 及旋鈕設定值								
		12	14	16	18	20	22	23	24	25
		25	30	32	36	40	42	45	47	50
		50	60	70	75	80	85	90	95	100
		70	80	90	100	110	120	130	140	150
		100	120	140	155	170	185	200	210	220
Trip class as per IEC 60947-4-1 脫扣等級符合 IEC 60947-4-1		5	10	20						
Time delay (s) t _r	1.5 x I _r	120	240	480	for warm motor 用於熱馬達					
depending on selected trip class 時間延遲 (s) 根據所選脫扣等級	6 x I _r 7.2 x I _r	6.5 5	13.5 10	26 20	for cold motor 用於冷馬達					
Thermal memory 熱記憶		20 minutes before and after tripping 脫扣前後20分鐘								
Cooling fan 冷卻風扇		non-adjustable - motor self-cooled 不可調節 - 馬達自行調冷								
S Short-circuits: Short-time protection with fixed time delay 短路：短延時保護 (固定時間延遲)										
Pick-up 設定值 (A) accuracy 精確度 ±15%	I _{sd} = I _r x...	5	6	7	8	9	10	11	12	13
Time delay 時間延遲 (ms)	t _{sd}	non-adjustable 不可調節								
	Non-tripping time 非脫扣時間	20								
	Maximum break time 最大分斷時間	60								

(1) Motor standards require operation at 65°C. Circuit-breaker ratings are derated to take this requirement into account.
標準馬達需於 65°C 運作，因此斷路器的額定電流進行了降容。

Compact NSX

MCCB 塑殼斷路器

Micrologic Control Trip Units 脫扣器

Functions and Characteristics 功能及特性

Compact NSX 100 / 160 / 250

Electronic Micrologic trip unit for motor protection

電子脫扣器 (馬達保護專用), Micrologic 2.2-M

I Short-circuits: Non-adjustable instantaneous protection 短路：不可調節瞬時保護								
Pick-up 設定值 (A) accuracy 精確度 ±15%	li non-adjustable 不可調節	425	750	1500	2250	3300	4800	6500
Time delay 時間延遲 (ms)	Non-tripping time 不脫扣時間 Maximum break time 最大分斷時間	0 30						
Phase unbalance or phase loss 相不平衡或缺相								
Pick-up 設定值 (A) accuracy 精確度 ±20%	I _{unbal} = in% average current平均電流 ⁽²⁾	>30%						
Time delay 時間延遲 (s)	non-adjustable 不可調節	0.7 s during starting 啟動期間 4 s during normal operation 正常運作期間						

(2) The unbalanced measurement takes into account the most unbalanced phase with respect to the average current.
相對平均電流，不平衡電流監測已考慮到最大不平衡相。

Advanced electronic trip unit for distribution measurements

先進電子脫扣器 (配電系統保護), Micrologic 5/6 A or E

Protection 保護			Micrologic 5/6 A or E trip units 脫扣器									
Ratings 額定電流 (A)	In at 40 °C		40 ⁽¹⁾	100	160	250						
Circuit breaker 斷路器	Compact NSX100		■	■	-	-						
	Compact NSX160		■	■	■	-						
	Compact NSX250		■	■	■	■						
L Long-time protection 長延時保護			Fine adjustment in 1 A steps below maximum value set on dial 以旋鈕設定值為最大值，以1 A為步長微調									
Pick-up 設定值 (A) tripping between 1.05 and 1.20 Ir 在 1.05 至 1.20 Ir 之間脫扣	Ir = ...	dial setting 旋鈕設定值 In = 40 A Io = In = 100 A Io = In = 160 A Io = In = 250 A Io = keypad setting 按鍵設置	18 40 63 100	18 45 70 110	20 50 80 125	23 55 90 140	25 63 100 160	28 70 110 175	32 80 125 200	36 90 150 225	40 100 160 250	
Time delay 時間延遲 (s) accuracy 精確度 0 — -20%	tr = ...	keypad setting 按鍵設置 1.5 x Ir 6 x Ir 7.2 x Ir	0.5 15 0.5 0.35	1 25 1 0.7	2 50 2 1.4	4 100 4 2.8	8 200 8 5.5	16 400 16 11				
Thermal memory 熱記憶			20 minutes before and after tripping 脫扣前後20分鐘									
S Short-time protection with adjustable time delay 短延時保護 (可調時間延遲)			Fine adjustment in 0.5 x In steps using the keypad 通過按鍵以 0.5 x In 為步長進行微調									
Pick-up 設定值 (A) accuracy 精確度 ±10%	I _{sd} = Ir x ...	dial setting 旋鈕設定值 for Micrologic 5 keypad setting 按鍵設置 for Micrologic 6	1.5 Fine adjustment in 0.5 x In steps using the keypad 通過按鍵以 0.5 x In 為步長進行微調	2	3	4	5	6	7	8	10	
Time delay 時間延遲 (s)	tsd = ...	keypad setting 按鍵設置 FOff FOn Non-tripping time 非脫扣時間 (ms) Maximum break time 最大分斷時間 (ms)	0 - 20 80	0.1 0.1 80 140	0.2 0.2 140 200	0.3 0.3 230 320	0.4 0.4 350 500					
I Instantaneous protection 瞬時保護			Adjustment in steps of 0.5 x In over the range 1.5 x In to: 以 0.5 x In 為步長調整，範圍由1.5 x In 至: 15 x In (40 to 160 A), 12 x In (250 to 400 A) or 11 x In (630 A)									
Pick-up 設定值 (A) accuracy 精確度 ±15%	Ii = Inx	keypad setting 按鍵設置										
Non-tripping time 非脫扣時間 (ms) Maximum break time 最大分斷時間 (ms)			10 ms 50 ms for I > Ii									
G Ground-fault protection 接地故障 - for Micrologic 6 A or E			Fine adjustment in 0.05 A steps using the keypad 通過按鍵以 0.05A 為步長進行微調									
Pick-up 設定值 (A) accuracy 精確度 ±10%	Ig = Inx	dial setting 旋鈕設定值 In = 40 A In > 40 A	0.4 0.2	0.4 0.3	0.5 0.4	0.6 0.5	0.7 0.6	0.8 0.7	0.9 0.8	1 1	Off Off	
Time delay 時間延遲 (s)	tg = ...	keypad setting 按鍵設置 FOff FOn Non-tripping time 非脫扣時間 (ms) Maximum break time 最大分斷時間 (ms)	0 - 20 80	0.1 0.1 80 140	0.2 0.2 140 200	0.3 0.3 230 320	0.4 0.4 350 500					
Test 測試	Iq function 功能	built-in 內置										

(1) For 40 A rating, the neutral N/2 adjustment is not possible. 於額定電流為40A，中線 N/2 調節是不可能的。

Remark: For Micrologic 2.2-AB (protection of public distribution system), 2.2-G (for generator), 5.2 A-Z and 6 E-M, please consult Schneider Electric (HK) Ltd.
備註：有關 Micrologic 2.2-AB (公共配電系統保護), 2.2-G (發電機保護), 5.2 A-Z 及 6 E-M，歡迎向施耐德電氣(香港)有限公司查詢。

Compact NSX

MCCB 塑殼斷路器

Trip Units 脫扣器

Compact NSX 400 / 630

Electronic trip unit 電子脫扣器, Micrologic 2.3

Ratings 額定電流 (A) In at 40 °C	40	100	160	250	400	630
Circuit breaker 斷路器 Compact NSX400	-	-	-	■	■	-
Compact NSX630	-	-	-	■	■	■
L Long-time protection 長延時保護						
Pick-up 設定值 (A) tripping between 1.05 and 1.20 Ir 在 1.05 至 1.20 Ir 之間脫扣	In = 250 A (NSX400)	lo = 70	100	125	140	160
	In = 400 A	lo = 160	180	200	230	250
	In = 630 A	lo = 250	280	320	350	400
Ir = lo x ...						
Time delay 時間延遲 (s) accuracy 精確度 0 — -20%	tr	1.5 x Ir	400			
		6 x Ir	16			
		7.2 x Ir	11			
Thermal memory 熱記憶			20 minutes before and after tripping 脫扣前後20分鐘			
S Short-circuits: Short-time protection with fixed time delay 短路: 短延時保護 (固定時間延遲)						
Pick-up 設定值 (A) accuracy 精確度 ±10%	I _{sd} = Ir x ...	1.5	2	3	4	5
						6
						7
						8
						10
Time delay 時間延遲 (ms)	tsd					
	Non-tripping time 非脫扣時間 (ms)	20				
	Maximum break time 最大分斷時間 (ms)	80				
I Instantaneous protection 瞬時保護						
Pick-up 設定值 (A) accuracy 精確度 ±10%	li non-adjustable 不可調節	600	1500	2400	3000	4800
	Non-tripping time 非脫扣時間	10 ms				
	Maximum break time 最大分斷時間	50 ms for I > 15 li				

Advanced electronic trip unit for distribution measurements 先進電子脫扣器 (配電系統保護), Micrologic 5.3 A or E

Ratings 額定電流 (A) In at 40 °C	40 ⁽¹⁾	100	160	250	400	630
Circuit breaker 斷路器 Compact NSX400	-	-	-	-	■	-
Compact NSX630	-	-	-	-	■	■
L Long-time protection 長延時保護						
Pick-up 設定值 (A) tripping between 1.05 and 1.20 Ir 在 1.05 至 1.20 Ir 之間脫扣	Ir = ...	dial setting 旋鈕設定值 In = 400 A lo = 160	180	200	230	250
		dial setting 旋鈕設定值 In = 630 A lo = 250	280	320	350	400
		keypad setting 按鍵設置				
Time delay 時間延遲 (s) accuracy 精確度 0 — -20%	tr = ...	keypad setting 按鍵設置	0.5	1	2	4
		1.5 x Ir	15	25	50	100
		6 x Ir	0.5	1	2	4
		7.2 x Ir	0.35	0.7	1.4	2.8
Thermal memory 熱記憶						
S Short-time protection with adjustable time delay 短延時保護 (可調時間延遲)						
Pick-up 設定值 (A) accuracy 精確度 ±10%	I _{sd} = Ir x ...	dial setting 旋鈕設定值 for Micrologic 5	1.5	2	3	4
		keypad setting 按鍵設置 for Micrologic 6				
Time delay 時間延遲 (s)	tsd = ...	keypad setting FOff 按鍵設置 FOn	0	0.1	0.2	0.3
		Non-tripping time 非脫扣時間 (ms)	20	80	140	230
		Maximum break time 最大分斷時間 (ms)	80	140	200	320
I Instantaneous protection 瞬時保護						
Pick-up 設定值 (A) accuracy 精確度 ±15%	li = In x	keypad setting 按鍵設置				
		Non-tripping time 非脫扣時間 (ms)	10 ms			
		Maximum break time 最大分斷時間 (ms)	50 ms for I > 15 li			

(1) For 40 A rating, the neutral N/2 adjustment is not possible. 於額定電流為40A, 中線 N/2 調整是不可能的。

Compact NSX

MCCB 塑殼斷路器

Trip Units 脫扣器

Compact NSX 400 / 630

Advanced electronic trip unit for distribution measurements and ground fault protection(G) 先進電子脫扣器 (配電系統保護及接地故障保護(G)), Micrologic 6.3 A or E

Same feature for Micrologic 5.3 A or E 與Micrologic 5.3 A或E特性相同

Additional feature 附加特性:

G Ground-fault protection 接地故障 - for Micrologic 6 A or E											
Pick-up 設定值 (A) accuracy 精確度 ±10%	lg = ln x	dial setting 旋鈕設定值									
		ln = 40 A	0.4	0.4	0.5	0.6	0.7	0.8	0.9	1	Off
		ln > 40 A	0.2	0.3	0.4	0.5	0.6	0.7	0.8	1	Off
Fine adjustment in 0.05 A steps using the keypad 通過按鍵以0.05 A為步長進行微調											
Time delay 時間延遲 (s)	tg = ...	keypad setting I ² Off 按鍵設置 I ² On	0	0.1	0.2	0.3	0.4				
			-	0.1	0.2	0.3	0.4				
		Non-tripping time 非脫扣時間 (ms)	20	80	140	230	350				
		Maximum break time 最大分斷時間 (ms)	80	140	200	320	500				
Test 測試	lg function 功能		built-in 內置								

Remark:

For Micrologic 2.3-AB (protection of public distribution system), 2.3-G (for generator), 2.3M (for motor protection) and 5.3 A-Z, 6.3 E-M, please consult Schneider Electric (HK) Ltd.

備註:

有關 Micrologic 2.3-AB (公共配電系統保護), 2.3-G (發電機保護), 2.3M (馬達保護) and 5.3 A-Z, 6.3 E-M, 歡迎向施耐德電氣(香港)有限公司查詢。

Compact NSX/NS/NSD

MCCB 塑殼斷路器

Functions and Characteristics 功能及特性

Electrical characteristics as per IEC 60947-2 and EN 60947-2

電氣特性符合 IEC 60947-2及EN 60947-2標準

				NSX100		
				2*, 3, 4		
Number of poles 極數						
Rated current 額定電流 (A)		In	40 °C	100	100	
Rated insulation voltage 額定絕緣電壓 (V)		Ui		800	800	
Rated impulse withstand voltage 額定衝擊耐壓 (kV)		Uimp		8	8	
Rated operational voltage 額定工作電壓 (V)		Ue		690	690	
				F	N	
Breaking capacity 分斷能力 (kA rms)		Icu	AC 50/60Hz			
				220/240V	85	90
				380/415V	36	50
				440V	35	50
				500V	25	36
				525V	22	35
				660/690V	8	10
		Ics (% Icu)		100%	100%	
Utilisation category 使用類別				A		
Dimensions 尺寸 (mm) L x H x D						
2/3-Pole 極				105 x 161 x 86		
4-Pole 極				140 x 161 x 86		

* 2P circuit breaker in 3P case for F type, only with thermal-magnetic trip unit.

* F型號兩極斷路器安裝於三極殼架內，連熱磁脫扣器。

Electrical characteristics as per IEC 60947-2 and EN 60947-2

電氣特性符合 IEC 60947-2及EN 60947-2標準

				NS800	
Number of poles 極數				3, 4	
Rated current 額定電流 (A)	In	50 °C		800	
Rated insulation voltage 額定絕緣電壓 (V)	Ui			750	
Rated impulse withstand voltage 額定衝擊耐壓 (kV)	Uimp			8	
Rated operational voltage 額定工作電壓 (V)	Ue	AC 50/60Hz		690	
Breaking capacity 分斷能力 (kA rms)	Icu	AC 50/60Hz	220/240V	N 50	H 70
			380/415V	50	70
			440V	50	65
			500V/525V	40	50
			660/690V	30	42
	Ics	(%Icu)		75%	50%
Utilisation category 使用類別				B	A
Dimensions 尺寸 (mm) L x H x D					
3-pole 極				327 x 210 x 147	
4-pole 極				327 x 280 x 147	

Electrical characteristics as per IEC 60947-2 and EN 60947-2

電氣特性符合 IEC 60947-2及EN 60947-2標準

				NSD100
Number of poles 極數				3
Rated current 額定電流 (A)	In	40 °c		25 - 100
Rated insulation voltage 額定絕緣電壓 (V)	Ui			500
Rated impulse withstand voltage 額定衝擊耐壓 (kV)	Uimp			6
Rated operational voltage 額定工作電壓 (V)	Ue	AC 50/60Hz		500
Breaking capacity 分斷能力 (kA rms)	Icu	AC 50Hz	220/230V	85
			380/400V	35
		Ics	(% Icu)	75%
Utilisation category 使用類別				A
Protection against overcurrents 過流保護	Ir	overload protection 過載保護 (A)		20 - 100 ⁽¹⁾
	Im	short circuit protection 短路保護 (A)		300 - 800
Dimensions 尺寸 (mm) L x H x D				

(1) Adjustable overload protection tripping current 可調過載保護電流 (0.8 / 0.9 / 1.0 x In)

(2) Adjustable overload protection tripping current 可調過載保護電流 (0.5 / 0.63 / 0.7 / 0.8 / 0.9 / 1.0 x In)

(3) Adjustable short-circuit protection tripping current 可調短路保護電流 (2 / 3 / 4 ... 10 x In)

Common characteristics 特性	
Control 控制	
Manual 手動	w/toggle 撥動手柄 w/direct or extended rotary handle 帶直接或延伸旋轉手柄
Electrical 電動	w/remote control 帶遙距控制
Versions 模式	
Fixed 固定	
Widthdrawable 可抽取	Plug-in base 插入式 Chassis 抽出式

Compact NSX ≤ 630A

NSX160		NSX250		NSX400		NSX630	
2*, 3,4		2*, 3,4		3,4		3,4	
100	100	100	100	100	100	100	100
800	800	800	800	800	800	800	800
8	8	8	8	8	8	8	8
690	690	690	690	690	690	690	690
F	N	F	N	F	N	F	N
85	90	85	90	40	85	40	85
36	50	36	50	36	50	36	50
35	50	35	50	30	42	30	42
30	36	30	36	25	30	25	30
22	35	22	35	20	22	20	22
8	10	8	10	10	10	10	10
100%	100%	100%	100%	100%	100%	100%	100%
A		A		A		A	
105 x 161 x 86		105 x 161 x 86		140 x 225 x 110		140 x 225 x 110	
140 x 161 x 86		140 x 161 x 86		185 x 225 x 110		185 x 225 x 110	

Compact NS > 630A

NS1000		NS1250		NS1600	
3, 4		3, 4		3, 4	
1000		1250		1600	
750		750		750	
8		8		8	
690		690		690	
N	H	N	H	N	H
50	70	50	70	50	70
50	70	50	70	50	70
50	65	50	65	50	65
40	50	40	50	40	50
30	42	30	42	30	42
75%	50%	75%	50%	75%	50%
B	A	B	B	B	B
327 x 210 x 147		327 x 210 x 147		327 x 210 x 147	
327 x 280 x 147		327 x 280 x 147		327 x 280 x 147	

Compact NSD

	NSD160	NSD250	NSD400	NSD630
	3	3	3	3
	125 - 160	200 - 250	350 - 400	500 - 630
	500	500	500	500
	6	6	6	6
	500	500	500	500
	85	85	85	85
	35	35	35	35
	75%	75%	75%	75%
	A	A	A	A
	100 - 160 ⁽¹⁾	160 - 250 ⁽¹⁾	175 - 400 ⁽²⁾	250 - 630 ⁽²⁾
	1250	1600 - 2000	350 - 4000 ⁽³⁾	500 - 6300 ⁽³⁾
	105 x 161 x 86		140 x 255 x 110	

Compact NS (800A-1600A)

MCCB 塑殼斷路器

Micrologic Control Units 控制單元

Protection 保護

Long time 長延時

Current setting 電流設定 (A)

$I_r = I_n \times \dots$

Tripping between 1.05 and 1.20 x I_r 在1.05到1.20 I_r 之間脫扣

Time setting 時間設定 (s)

Time delay 延時 (s)

accuracy 精確度: 0 — -30%

$t_r : 1.5 \times I_r$

accuracy 精確度: 0 — -20%

$t_r : 6 \times I_r$

accuracy 精確度: 0 — -20%

$t_r : 7.2 \times I_r$

Thermal memory 熱記憶

Instantaneous 瞬時

Pick-up 設定值 (A)

$I_{sd} = I_r \times \dots$

Accuracy 精確度: $\pm 10\%$

Time delay 延時 (s)

Ammeter 電流表

Continuous current measurements 連續電流測量

Display 測量 20 - 200% I_n

Accuracy 精確度: $\pm 1.5\%$ (including sensors 包括電流互感器)

Maximeters 最大數值

Protection 保護

Long time 長延時

Current setting 電流設定 (A)

$I_r = I_n \times \dots$

Tripping between 1.05 and 1.20 x I_r 在1.05到1.20 I_r 之間脫扣

Time setting 時間設定 (s)

Time delay 延時 (s)

accuracy 精確度: 0 — -30%

$t_r : 1.5 \times I_r$

accuracy 精確度: 0 — -20%

$t_r : 6 \times I_r$

accuracy 精確度: 0 — -20%

$t_r : 7.2 \times I_r$

Thermal memory 熱記憶

Short time 短延時

Pick-up 設定值 (A)

$I_{sd} = I_r \times \dots$

Accuracy 精確度: $\pm 10\%$

Time setting 時間設定 (s)

settings 設定值

$I_{st} \text{ Off}$

$I_{st} \text{ On}$

Time delay 延時 (ms) at I_n or 1200A

t_{sd} (max resettable time 最短脫扣時間)

t_{sd} (max break time 最長脫扣時間)

Instantaneous 瞬時

Pick-up 設定值 (A)

$I_i = I_n \times \dots$

Accuracy 精確度: $\pm 10\%$

Time delay 延時

Earth fault 接地故障

Pick-up 設定值 (A)

$I_g = I_n \times \dots$

Accuracy 精確度: $\pm 10\%$

$I_n \leq 400 \text{ A}$

$400 \text{ A} < I_n \leq 1200 \text{ A}$

$I_n > 1200 \text{ A}$

Time setting 時間設定 (s)

settings 設定值

$I_{st} \text{ Off}$

$I_{st} \text{ On}$

Time delay 延時 (ms)

t_g (max resettable time 最短脫扣時間)

at I_n or 1200A

t_g (max break time 最長脫扣時間)

Residual earth leakage 漏電保護 (Vigi)

Sensitivity 靈敏度 (A)

$I_{\Delta n}$

Accuracy 精確度: 0 — -20%

Time delay 延時 (ms)

settings 設定值

Δt (max resettable time 最短脫扣時間)

Δt (max break time 最長脫扣時間)

Ammeter 電流表

Continuous current measurements 連續電流測量

Display 測量 20 - 200% I_n

Accuracy 精確度: $\pm 1.5\%$ (including sensors 包括電流互感器)

Maximeters 最大數值

(1) 0 — -40%

(2) 0 — -60%

Micrologic 控制單元 2.0 / 2.0 A

0.4	0.5	0.6	0.7	0.8	0.9	0.95	0.98	1
other ranges or disable by changing rating plug 更換長延時設定模塊可改變整定範圍或取消該功能								
0.5	1	2	4	8	12	16	20	24
12.5	25	50	100	200	300	400	500	600
0.7 ⁽¹⁾	1	2	4	8	12	16	20	24
0.7 ⁽²⁾	0.69	1.38	2.7	5.5	8.3	11	13.8	16.6
20 minutes before and after tripping 脫扣前和以後20分鐘								
1.5	2	2.5	3	4	5	6	8	10

max resettable time 最短脫扣時間: 20ms; max break time 最長脫扣時間: 80ms

Micrologic 控制單元 2.0 A

I_1	I_2	I_3	I_N
no auxiliary source 無輔助電源 ($I > 20\% I_N$)			
I_1 max	I_2 max	I_3 max	I_N max

Micrologic 控制單元 5.0 / 6.0 / 7.0 A

Micrologic 控制單元 5.0 / 6.0 / 7.0 A

0.4	0.5	0.6	0.7	0.8	0.9	0.95	0.98	1
other ranges or disable by changing rating plug 更換長延時設定模塊可改變設定範圍或取消該功能								
0.5	1	2	4	8	12	16	20	24
12.5	25	50	100	200	300	400	500	600
0.7 ⁽¹⁾	1	2	4	8	12	16	20	24
0.7 ⁽²⁾	0.69	1.38	2.7	5.5	8.3	11	13.8	16.6
20 minutes before and after tripping 脫扣前和以後20分鐘								
1.5	2	2.5	3	4	5	6	8	10

0	0.1	0.2	0.3	0.4				
-	0.1	0.2	0.3	0.4				
20	80	140	230	350				
80	140	200	320	500				
2	3	4	6	8	10	12	15	off

max resettable time 最短脫扣時間: 20ms; max break time 最長脫扣時間: 50ms

Micrologic 控制單元 6.0 A

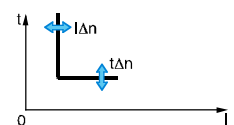
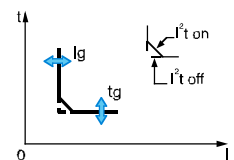
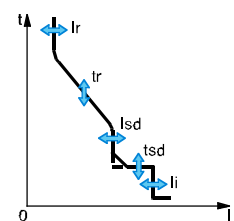
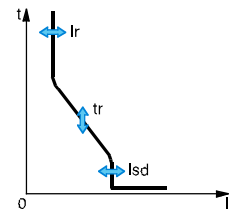
A	B	C	D	E	F	G	H	J
0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1
0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1
500	640	720	800	880	960	1040	1120	1200
0	0.1	0.2	0.3	0.4				
-	0.1	0.2	0.3	0.4				
20	80	140	230	350				
80	140	200	320	500				

Micrologic 控制單元 7.0 A

0.5	1	2	3	5	7	10	20	30
60	140	230	350	800				
60	140	230	350	800				
140	200	320	500	1000				

Micrologic 控制單元 5.0 / 6.0 / 7.0 A

I_1	I_2	I_3	I_N	I_d	$I_{\Delta n}$
no auxiliary source 無輔助電源 ($I > 20\% I_N$)					
I_1 max	I_2 max	I_3 max	I_N max	I_d max	$I_{\Delta n}$ max



Compact NS (800A-1600A)

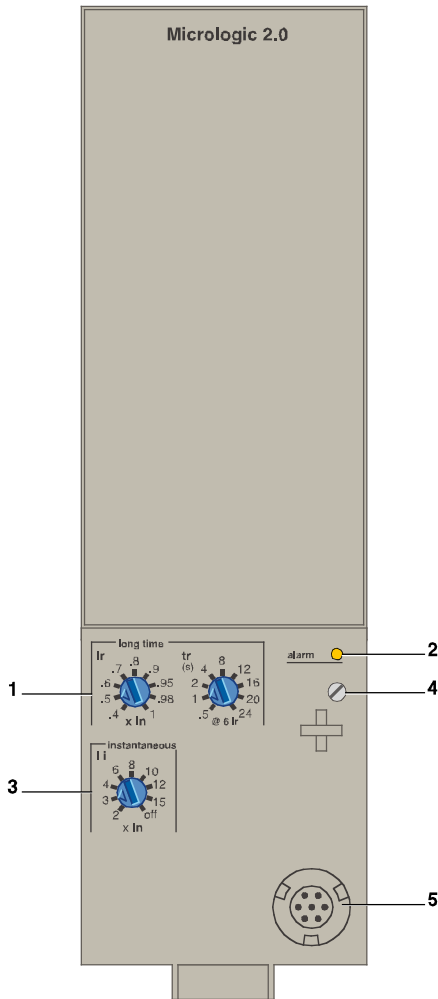
MCCB 塑殼斷路器

Micrologic Control Units 控制單元

Micrologic

Micrologic 2.0 and 5.0 control units protect power circuits, Micrologic 5.0 offers time discrimination for short-circuits as well.

Micrologic 2.0 及 5.0 控制單元能保護電源電路。
Micrologic 5.0 控制單元更改善了短路時的選擇性。

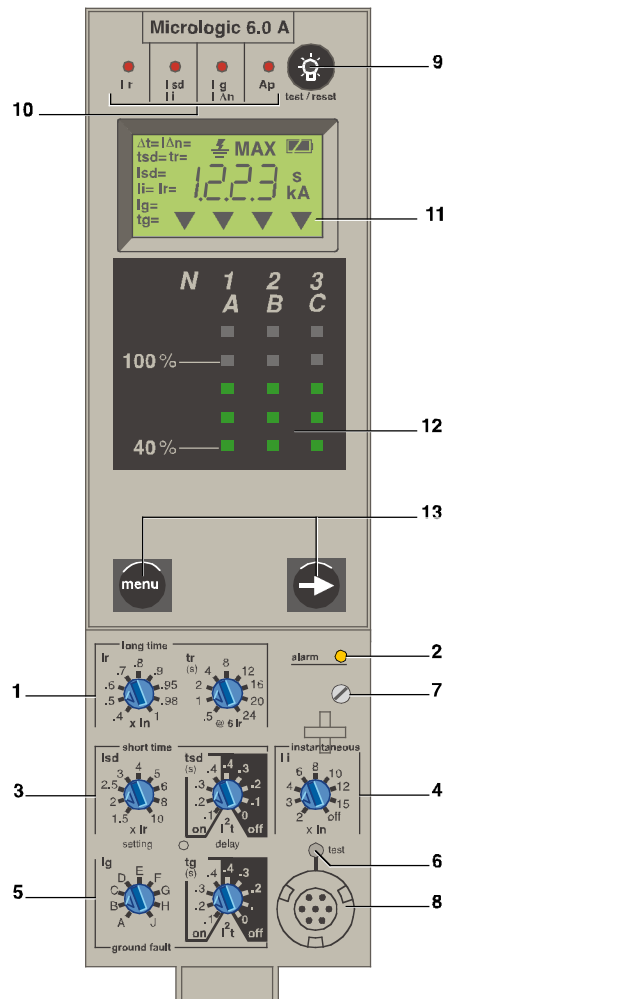


1. long-time threshold and tripping delay
長延時電流和脫扣延時設定
2. overload alarm (LED)
過載訊號 (LED)
3. instantaneous pick-up
瞬時脫扣電流設定
4. long-time rating plug screw
長延時校準固定螺釘
5. test connector
測試孔

Micrologic A

Micrologic A control units protect power circuits. They also offer measurements, display, communication and current maximeters. Version 6 provides earth-fault protection, version 7 provides earth-leakage protection.

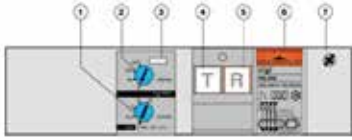
Micrologic A 控制單元可以保護電源電路。它同時提供測量、顯示、通訊，和電流的最大值。保護類型 6 提供接地故障保護，保護類型 7 提供漏電保護。



1. long-time threshold and tripping delay
長延時電流和脫扣延時設定
2. overload alarm (LED)
過載訊號 (LED)
3. short-time pick-up and tripping delay
短延時電流和脫扣延時設定
4. instantaneous pick-up
瞬時脫扣電流設定
5. earth-leakage or earth-fault pick-up and tripping delay
接地故障電流和脫扣延時設定
6. earth-leakage or earth-fault test button
接地故障測試按鈕
7. long-time rating plug screw
長延時校準固定螺釘
8. test connector
測試孔
9. lamp test, reset and battery test
測試燈、復位和電池測試
10. indication of tripping cause
脫扣原因顯示
11. digital display
顯示
12. three-phase bargraph and ammeter
安培計和三相柱狀圖表
13. navigation buttons
導航鍵

Compact NSX MCCB 塑殼斷路器

Vigi Earth-leakage Protection Module 漏電故障保護模塊



1. sensitivity setting
漏電電流設定
2. time-delay setting (for selective earth-leakage protection)
延時設定
3. lead-seal fixture for controlled access to settings
防止意外改動設定裝置
4. test button simulating an earth-fault for regular checks on the tripping function
測試按鈕
5. reset button (reset required after earth-fault tripping)
復位按鈕(由於接地故障脫扣的復位)
6. rating plate
型號
7. housing for SDV auxiliary contact
SDV輔助開關的位置

Plug-in devices 插入式裝置

The Vigi module can be installed on a plug-in base. Special accessories are required. Vigi模塊可通過安裝專用配件，用於插入式斷路器。

Vigicompact NSX100 - 630 with earth-leakage protection 帶漏電保護

Addition of the Vigi module does not alter circuit-breaker characteristics:

- Compliance with standards
- Degree of protection, class II front-face insulation
- Positive contact indication
- Electrical characteristics
- Trip-unit characteristics
- Installation and connection modes
- Indication, measurement and control auxiliaries
- Installation and connection accessories

加裝Vigi模塊不會改變斷路器的特性：

- 符合標準
- 防護等級：II級正面絕緣
- 觸點指示
- 電氣特性
- 脫扣單元特性
- 安裝和連接模式
- 指示、測量和控制附件
- 安裝和連接附件

Vigi earth-leakage protection modules

Vigi 漏電保護模塊

Compliance with standards

- IEC 60947-2, annex B.
- Decree dated 14 November 1988 (for France)
- IEC 60755, class A, immunity to DC components up to 6mA
- Operation down to -25°C as per VDE 664

Remote indications

Vigi modules may be equipped with an auxiliary contact (SDV) to remotely signal tripping due to an earth fault.

Use of 4-pole Vigi module with a 3-pole Compact NSX

In a 3-phase installation with an uninterrupted neutral, an accessory makes it possible to use a 4-pole Vigi module with connection of the neutral cable.

Power supply

Vigi modules are self-supplied internally by the distribution-system voltage and therefore do not require any external source. They continue to function even when supplied by only two phases.

遵循標準

- IEC 60947-2, 附錄B
- 1988年11月14日頒佈的法國法令
- IEC 60755, A級，能抵抗直流電流6mA或以下的干擾
- VDE 664，能於-25°C或以下低溫運作

漏電脫扣指示

Vigi模塊可裝一個輔助觸點(SDV)，於漏電故障時指示脫扣。

三極Compact NSX斷路器可用四極Vigi模塊

三極斷路器通過加裝一個附件，即可與四極Vigi模塊連接，而中線不分割。

電源

Vigi模塊由內部自備電源供電，因此，不需要外部電源。即使只有兩相電源供電時，Vigi模塊仍可繼續運作。

Dimensions and weights 尺寸及重量		NSX100/160/250	NSX400/630
Dimensions 尺寸	3 poles 極	105 x 236 x 86	135 x 355 x 110
W x H x D (mm)	4 poles 極	140 x 236 x 86	180 x 355 x 110
Weights 重量 (kg)	3 poles 極	2.5	8.8
	4 poles 極	3.2	10.8

Vigi module selection 模塊的選擇

Type 類別	Vigi ME	Vigi MH	Vigi MB
Number of poles 極數	3, 4 ⁽¹⁾	3, 4 ⁽¹⁾	3, 4 ⁽¹⁾
NSX100	■	■	-
NSX160	■	■	-
NSX250	-	■	-
NSX400	-	-	■
NSX630	-	-	■
Protection characteristics 保護特性			
Sensitivity 漏電電流設定 IΔn (A)	fixed 固定 0,3	adjustable 可調節 0,03 - 0,3 - 1 - 3 - 10	adjustable 可調節 0,3 - 1 - 3 - 10 - 30
Time delay 時間延遲	Intentional delay (ms) 延時設定	fixed 固定 < 40	adjustable 可調節 0 - 60 ⁽²⁾ - 150 ⁽²⁾ - 310 ⁽²⁾
	Max. breaking time (ms) 最長脫扣時間	< 40	< 40 < 140 < 300 < 800
Rated voltage 額定電壓 V AC 50/60 Hz	200...440	200...440 - 440...550	200...440 - 440...550

(1) Vigi 3P modules may also be used on 3P circuit breakers used for two-phase protection.

Vigi 三極模塊可用於三極斷路器中作兩相保護。

(2) If the sensitivity is set to 30 mA, there is no time delay, whatever the time-delay setting.

當漏電電流設定為30mA時，不論延時設定如何，斷路器皆不延時脫扣。

Compact NS

MCCB 塑殼斷路器

Catalogue Number 產品編號

1 & 2-pole 一極、兩極

Type 種類	Rating 額定電流 (A)	Breaking Capacity 分斷能力 (kA)	Cat. number 產品編號
NS100N 1-pole 極	16	25	29585
	25	25	29584
	30	25	29587
	40	25	29583
	63	25	29582
	80	25	29581
	100	25	29580
NS100H 1-pole 極	16	40	29595
	25	40	29594
	30	40	29597
	40	40	29593
	63	40	29592
	80	40	29591
	100	40	29590
NS100N 2-pole 極	16	85	29605
	25	85	29604
	30	85	29607
	40	85	29603
	63	85	29602
	80	85	29601
	100	85	29600

* For 1 and 2-pole MCCB > 100A, please consult Schneider Electric (HK) Ltd.

* 有關大過100A的一極及兩極塑殼斷路器，歡迎向施耐德電氣(香港)有限公司查詢。

Compact NSX

MCCB 塑殼斷路器

Catalogue Number 產品編號

3-pole 三極

for motor type application with magnetic trip unit MA 馬達專用，帶電磁脫扣器 MA

Type 種類	Rating 額定電流 (A)	Breaking Capacity 分斷能力 (kA)	Cat. number 產品編號
NSX100FMA	MA2.5	36	LV429740
	MA6.3	36	LV429741
	MA12.5	36	LV429742
	MA25	36	LV429743
	MA50	36	LV429744
	MA100	36	LV429745
NSX160FMA	MA150	36	LV430830
NSX250FMA	MA220	36	LV431748
NSX100NMA	MA6.3	50	LV429754
	MA12.5	50	LV429753
	MA25	50	LV429752
	MA50	50	LV429751
	MA100	50	LV429750
NSX160NMA	MA150	50	LV430832
NSX250NMA	MA220	50	LV431752

3-pole 三極

for motor type application with electronic trip unit Micrologic 2.2M & 2.3M
馬達專用，帶電子脫扣器 Micrologic 2.2M & 2.3M (LSIG motor protection 馬達保護)

Type 種類	Rating 額定電流 (A)	Breaking Capacity 分斷能力 (kA)	Cat. number 產品編號
With NSX100F	50	36	LV429827
	100	36	LV429825
With NSX100N	50	50	LV429832
	100	50	LV429830
With NSX160F	100	36	LV430986
	160	36	LV430985
With NSX160N	100	50	LV430989
	160	50	LV430988
With NSX250F	150	36	LV431161
	220	36	LV431160
With NSX250N	150	50	LV431166
	220	50	LV431165
With NSX400F	320	36	LV432775
With NSX400N	320	50	LV432776
With NSX600F	500	36	LV432976

Advanced electronic trip unit Micrologic 6.2 E-M (LSIG motor protection & energy meter) for NSX100 - 250

先進電子脫扣器 Micrologic 6.2 E-M (LSIG馬達保護及電能管理)：用於 NSX100 - 250

To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

訂購時需連同兩個產品編號：一個本體 + 一個脫扣器

Advanced electronic trip unit Micrologic 6.3 E-M (LSIG protection & energy meter) for NSX400 - 630

先進電子脫扣器 Micrologic 6.3 E-M (LSIG馬達保護及電能管理)：用於 NSX400 - 630

To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

訂購時需連同兩個產品編號：一個本體 + 一個脫扣器

Compact NSX

MCCB 塑殼斷路器

Catalogue Number 產品編號



NSX100 - NSX250



NSX400 - NSX630



NS800 - NS1600

3 & 4-pole 三極、四極 with thermal-magnetic trip unit 帶熱磁脫扣器 TM-D

Type 種類	Rating 額定電流 (A)	Breaking Capacity 分斷能力 (kA)	Cat. number 產品編號	
			3-pole 極	4-pole 極
NSX100F	16	36	LV429637	LV429647
	25	36	LV429636	LV429646
	32	36	LV429635	LV429645
	50	36	LV429634	LV429643
	63	36	LV429632	LV429642
	80	36	LV429631	LV429641
	100	36	LV429630	LV429640
NSX100N	16	50	LV429847	LV429857
	25	50	LV429846	LV429856
	32	50	LV429845	LV429855
	50	50	LV429844	LV429854
	63	50	LV429842	LV429852
	80	50	LV429841	LV429851
	100	50	LV429840	LV429850
NSX160F	100	36	LV430632	LV430642
	125	36	LV430631	LV430641
	160	36	LV430630	LV430640
NSX160N	100	50	LV430842	LV430852
	125	50	LV430841	LV430851
	160	50	LV430840	LV430850
NSX250F	160	36	LV431630	LV431640
	200	36	LV431631	LV431641
	250	36	LV431632	LV431642
NSX250N	160	50	LV431832	LV431842
	200	50	LV431831	LV431841
	250	50	LV431830	LV431840

			Front 前連接	Rear 後連接	Front 前連接	Rear 後連接
NS800N*	800	50	NS08N3FA	NS08N3FC	NS08N4FA	NS08N4FC
NS800H*		70	NS08H3FA	NS08H3FC	NS08H4FA	NS08H4FC
NS1000N*	1000	50	NS10N3FA	NS10N3FC	NS10N4FA	NS10N4FC
NS1000H*		70	NS10H3FA	NS10H3FC	NS10H4FA	NS10H4FC
NS1250N*	1250	50	NS12N3FA	NS12N3FC	NS12N4FA	NS12N4FC
NS1250H*		70	NS12H3FA	NS12H3FC	NS12H4FA	NS12H4FC
NS1600N*	1600	50	NS16N3FA	NS16N3FC	NS16N4FA	NS16N4FC
NS1600H*		70	NS16H3FA	NS16H3FC	NS16H4FA	NS16H4FC

*With Micrologic 2.0 control unit (without ammeter), manual operation, fixed version

*帶Micrologic 2.0控制單元(不帶電流表)，人手操作，固定型

Remark:

For withdrawable, electrically operated circuit breaker and other accessories, please consult Schneider Electric (HK) Ltd.

備註:

有關抽屜式、電動控制之斷路器及其他配件，歡迎向施耐德電氣(香港)有限公司查詢。

Compact NSX

MCCB 塑殼斷路器

Catalogue Number 產品編號

3 & 4-pole with electronic trip unit 三極、四極連電子脫扣器

For Distribution Protection with electronic trip unit for L_S protection
配電系統保護帶電子脫扣器，L_S保護 (Micrologic 2.2 & 2.3)

Type 種類	Rating 額定電流 (A)	Breaking Capacity 分斷能力 (kA)	Cat. number 產品編號	
			3-pole 極	4-pole 極
NSX100F	40	36	LV429772	LV429782
	100	36	LV429770	LV429780
NSX100N	40	50	LV429797	LV429807
	100	50	LV429795	LV429805
NSX160F	160	36	LV430770	LV430780
NSX160N	160	50	LV430775	LV430785
NSX250F	250	36	LV431770	LV431780
NSX250N	250	50	LV431870	LV431875
NSX400F	400	36	LV432676	LV432677
NSX400N	400	50	LV432693	LV432694
NSX630F	630	36	LV432876	LV432877
NSX630N	630	50	LV432893	LV432894

Advanced built-in power meter series

With electronic trip unit with built-in ammeter

先進內置電能管理系列帶電子脫扣器及內置電流表 (Micrologic 5.2 & 5.3A)

Type 種類	Rating 額定電流 (A)	Breaking Capacity 分斷能力 (kA)	Cat. number 產品編號	
			3-pole 極	4-pole 極
NSX100F	40	36	LV429882	LV429887
	100	36	LV429880	LV429885
NSX100N	40	50	LV429892	LV429897
	100	50	LV429890	LV429895
NSX160F	160	36	LV430880	LV430885
NSX160N	160	50	LV430890	LV430895
NSX250F	250	36	LV431770	LV431780
NSX250N	250	50	LV431870	LV431875
NSX400F	400	36	LV432678	LV432679
NSX400N	400	50	LV432699	LV432700
NSX630F	630	36	LV432878	LV432879
NSX630N	630	50	LV432899	LV432900

Advanced electronic trip unit with built-in energy meter and LSI protection (Micrologic 5.2 E & 5.3E)

for NSX100 - 630 series

先進電子脫扣器連內置電能管理及LSI保護 (Micrologic 5.2 E & 5.3E)

NSX100 - 630 系列專用

To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

訂購時需連同兩個產品編號：一個本體 + 一個脫扣器

Advanced electronic trip unit with built-in ammeter meter and LSIG protection (Micrologic 6.2 A & 6.3A)

for NSX100 - 630 series

先進電子脫扣器連內置電流表及LSIG保護 (Micrologic 6.2 A & 6.3A)

NSX100 - 630 系列專用

To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

訂購時需連同兩個產品編號：一個本體 + 一個脫扣器

Advanced electronic trip unit with built-in energy meter and LSIG protection (Micrologic 6.2 E & 6.3E)

for NSX100 - 630 series

先進電子脫扣器連內置電能管理及LSIG保護 (Micrologic 6.2 E & 6.3E)

NSX100 - 630 系列專用

To be ordered with 2 catalogue numbers: 1 basic frame + 1 trip unit

訂購時需連同兩個產品編號：一個本體 + 一個脫扣器

Compact NSX

MCCB 塑殼斷路器

Accessories 配件

Shunt release 分勵線圈 (MX)

	220V AC	380V AC	24V DC	30V DC	110V DC
	Cat. number 產品編號				
NSX100 - NSX630	LV429387	LV429388	LV429390	LV429391	LV429393
NS800 - NS1600	33662	33664	33659	33659	33661

Undervoltage release 失壓線圈 (MN)

	220V AC	380V AC	24V DC	30V DC	110V DC
	Cat. number 產品編號				
NSX100 - NSX630	LV429407	LV429408	LV429410	LV429411	LV429413
NS800 - NS1600	33671	33673	33668	33668	33670

Connection 連接

Location 位置	Location 位置	Quantity 數量	Cat. number 產品編號	
Kit 3P, for NSX100 - NSX250	Rear 後	2	LV432475	
	Rear 後	1	LV432476	
Kit 3P, for NSX400 - NSX630	Rear 後	2	LV429235	
	Rear 後	1	LV429236	
			3-pole 極	4-pole 極
NS800 - NS1000	Front 前	Top 頂	33598	33608
		Bottom 底	33599	33609
NS1250	Front 前	Top 頂	33600	33610
		Bottom 底	33601	33611
NS1600	Front 前	Top 頂	33602	33612
		Bottom 底	33603	33613
NS800 - NS1600	Rear vertical 後垂直	Top 頂	33604	33614
		Bottom 底	33605	33615
NS800 - NS1600	Rear horizontal 後水平	Top 頂	33606	33616
		Bottom 底	33607	33617

Extended rotary handle 延伸旋轉手柄

	Cat. number 產品編號
NSX100 - NSX250	LV429338
NSX400 - NSX630	LV432598
NS800 - NS1600	black 黑色
	red/yellow front 紅/黃色面

Auxiliary contact 輔點接點

	Cat. number 產品編號
OF, SD, SDE (NSX100 - NSX630)	29450
SDE adapter, mandatory for trip unit TM, MA or Micrologic 2 (NSX100 - NSX250)	LV429451
NS800 - NS1600	SDE
(For drawout devices 適合於抽屜式)	SD
	OF

Motor mechanism 電動機構

	220V AC	380V AC	24V DC	110V DC
	Cat. number 產品編號			
NSX100 - NSX160	LV429434	LV429435	LV429436	LV429438
NSX250	LV431541	LV431542	LV431543	LV431545
NSX400 - NSX630	LV432641	LV432642	LV432643	LV432645

Vigi block MH/ME/MB 漏電保護模塊

	3-pole 極	4-pole 極
	Cat. number 產品編號	
NSX100 - NSX160	LV429210	LV429211
NSX250	LV431535	LV431536
NSX400 - NSX630	LV432455	LV432456

Compact NSX

MCCB 塑殼斷路器

Accessories 配件

Monitoring and control (remote operation) 監視和控制 (遙距操作)

		Cat. number 產品編號
Breaker and Status Communication Module 斷路器及顯示測量數值模塊	BSCM	LV434205
NSX cord 接線	Wire length 線長 L = 0.35m	LV434200
	Wire length 線長 L = 1.3m	LV434201
	Wire length 線長 L = 3m	LV434202
	U > 480 V AC wire length 線長 L = 0.35m	LV434204
ULP Display Module 顯示模塊 For measurement display with Micrologic A or E; for status display with BSCM 與 Micrologic A 或 E 配合，顯示測量數值； 與 BSCM 配合，顯示開關狀態	Switchboard front display module 櫃門顯示單元 FDM121	TRV00121
	FDM mounting accessory (diameter 22mm) 安裝附件 (直徑 22mm)	TRV00128

Plug-in base (fixed/FC device + plug-in kit) 插入式座 (固定/FC裝置 + 插入工具)

	3-pole 極	4-pole 極
	Cat. number 產品編號	
Compact Kit 工具	LV429289	LV429290
Vigicompact Kit 工具	LV429291	LV429292

Withdrawable chassis (with plug-in base) 抽屜式底板 (帶插入式座)

	3-pole 極	4-pole 極
	Cat. number 產品編號	
Horizontal 橫 / Vertical 直		
NSX100 - NSX250	29299	29300
NSX400 - NSX630	32542	32543

Remark:

For withdrawable, electrically operated circuit breaker, circuit breaker over or equal to 800A and other accessories, please consult Schneider Electric (HK) Ltd.

備註:

有關抽屜式、電動控制之斷路器、大過或等於800A之斷路器及其他配件，歡迎向施耐德電氣(香港)有限公司查詢。

Compact NSX

MCCB 塑殼斷路器

Accessories 配件



TRV00121



TRV00210

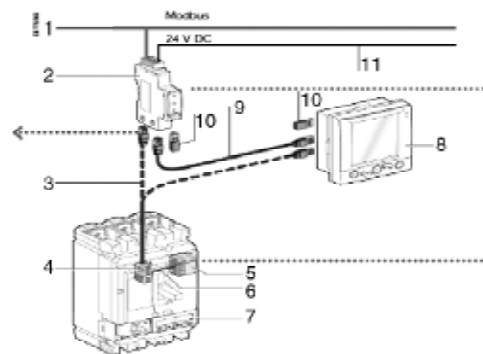
Communication accessories 通訊附件

Description 說明	Unit pack 包裝	Cat. Number 產品編號
NSX Cord (including internal terminal block) NSX 接線 (包括接線副件)	L= 0.35 m	LV434200
	L= 1.3 m	LV434201
	L= 3 m	LV434202
	for U>480VAC L= 0.35 m	LV434204
BSCM - Breaker Status Control Module 開關狀態控制模塊		LV434205
FDM121 Front Display Module 櫃門顯示單元(96 x 96mm)		TRV00121
FDM121 mounting accessory(diameter = 22mm) 安裝附件(直徑22mm)		TRV00128
Modbus interface communication module 通信模塊		TRV00210
External Power Supply module 外置電源模塊 200-240V AC/ 24V DC		ABL8MEM24012
Stacking connectors 接線端子	10	TRV00217
RJ45/RJ45 male cord 接線	L=0.3 m	TRV00803
	L=0.6 m	TRV00806
	L=1 m	TRV00810
	L=2 m	TRV00820
	L=3 m	TRV00830
	L=5 m	TRV00850
RJ45 connectors female/female 接頭	10	TRV00870
ULP line terminator 線路終止器	10	TRV00880
NSX Maintenance case 維護測試箱 ⁽¹⁾		TRV00910
USB maintenance interface ULP setting tool 帶USB接口的維護測試模塊		TRV00911
Pocket battery for Micrologic NSX100-630 口袋電池，用於Micrologic NSX100-630		LV434206

(1) Comprising包括:

USB maintenance interface, Power supply, Micrologic Cord, USB Cord, RJ45/RJ45 male cord
帶USB接口的維護測試模塊、電源、Micrologic接線、USB接線、RJ45/RJ45接線

Standard Communication Components and Connections 基本通訊組件及連接



- | | |
|--|---------------------------|
| (1) Modbus network | (1) Modbus 通信網絡 |
| (2) Modbus interface communication module | (2) Modbus 通信模塊 |
| (3) + (4) NSX Cord | (3) + (4) NSX 接線附件 |
| (5) BSCM | (5) BSCM 模塊 |
| (6) Prefabricated wiring | (6) 預制連線 |
| (7) Micrologic trip unit | (7) Micrologic 脫扣單元 |
| (8) FDM121 display | (8) FDM121 櫃門顯示單元 |
| (9) RJ45 cable | (9) RJ45 連接 |
| (10) ULP line terminator | (10) 接線端頭 |
| (11) External power supply 220V AC/ 24V DC | (11) 外置電源 220V AC/ 24V DC |

Compact NSD

MCCB 塑殼斷路器

Catalogue Number 產品編號



NSD100

Complete with thermal-magnetic trip unit 帶熱磁脫扣器

Type 種類	Rating 額定電流 (A)	Breaking Capacity 分斷能力 (kA)	Cat. number 產品編號 3-pole 極
NSD100	25	35	AAV36896
	32	35	AAV36917
	40	35	AAV36918
	50	35	AAV36919
	63	35	AAV36920
	80	35	AAV36921
	100	35	AAV36922
NSD160	125	35	AAV36923
	160	35	AAV36924
NSD250	200	35	AAV36926
	250	35	AAV36928

Complete with electronic trip unit 帶電子脫扣器

Type 種類	Rating 額定電流 (A)	Breaking Capacity 分斷能力 (kA)	Cat. number 產品編號 3-pole 極
NSD400	350	35	AAV37139
	400	35	AAV36930
NSD630	500	35	AAV36931
	630	35	AAV36932

Compact NSD

MCCB 塑殼斷路器

Accessories 配件

Shunt release 分勵線圈 (MX)

	220/230V AC	380/400V AC	30V DC
	Cat. number 產品編號		
NSD100 - NSD630	29387	29388	29391

Undervoltage release 失壓線圈 (MN)

	220/230V AC	380/400V AC	30V DC
	Cat. number 產品編號		
NSD100 - NSD630	29407	29408	29411

Auxiliary contact: OF, SD 輔助接點

	Cat. number 產品編號
NSD100 - NSD630	29450

Standard extended rotary handle 標準延伸旋轉手柄

	Cat. number 產品編號
NSD100 - NSD250	29338
NSD400 - NSD630	32598