

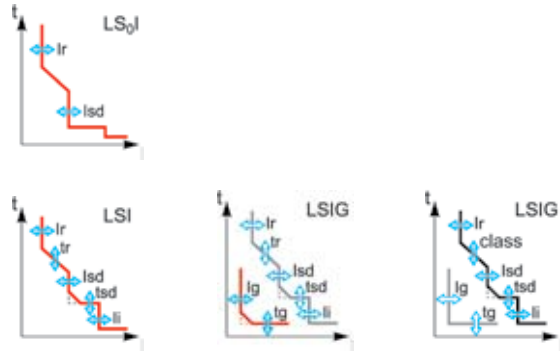
Overview of brand new Micrologic tripping units 全新系列Micrologic智能脫扣單元

Micrologic 2
Electronic tripping unit 電子脫扣單元

Distribution protection 配電保護
Generators protection 發電機保護
Motors protection 電動機保護

Micrologic 5/6A or E
Electronic tripping unit 電子脫扣單元

5A or E Distribution protection 配電保護
6A or E Distribution protection 配電保護
6E-M Motors protection 電動機保護



A: current metering functions 電流測量功能 E: A+current and energy metering functions A+多參數測量功能

NSX100 - 250



2.2 Distribution protection 配電保護
2.2-G Generators protection 發電機保護
2.2-M Motors protection 電動機保護



5.2A Distribution protection 配電保護
5.2E Distribution protection 配電保護
6.2A Distribution protection 配電保護
6.2E Distribution protection 配電保護



6.2 E-M Motors protection
電動機保護

NSX400 - 630



2.3 Distribution protection 配電保護
1.3-M Motors protection 電動機保護
2.3-M Motors protection 電動機保護



5.3A Distribution protection 配電保護
5.3E Distribution protection 配電保護
6.3A Distribution protection 配電保護
6.3E Distribution protection 配電保護



6.3 E-M Motors protection
電動機保護



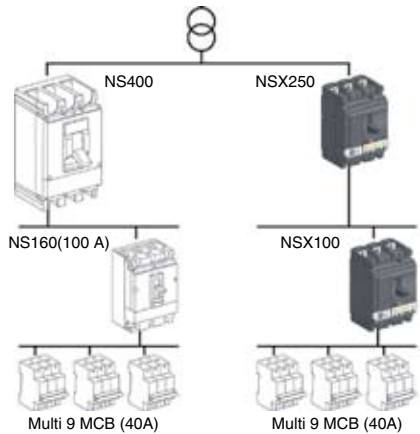
Adjustment and reading
Pick-up set in amps with fine
adjustment using dials
直接安培讀數，整定範圍更大



Fine adjustment via keypad
通過按鍵進行微調



LED indications
LED 指示



Compact NSX100 has Micrologic tripping unit, which can improve discrimination with the Multi 9 miniature circuit breakers (40A). Improved discrimination can be ensured and the project cost lowered.
配有Micrologic電子脫扣單元的Compact NSX100，可與額定電流40A的Multi 9微型斷路器配合，改善Discrimination功能。Discrimination功能大大提升，降低了項目成本。



Connected to switchboard
display unit
櫃門顯示單元通過RJ45接
口與斷路器連接

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As standards, specifications and designs change from time to time, please ask for confirmation of the information given in this publication. 由於標準、規格及設計時有變更，請與我們的銷售部門確認資料。

Compact NSX

Integrating power management
and superior protection
集全面電能管理和卓越
保護於一身



Superior protection 卓越保護
Precise measurement 精確測量
Simple communication 便捷通訊
Power management 電能管理
Easy maintenance 輕鬆維護



施耐德電氣

Multi-functional electrical parameter measurements 多功能電力參數測量



Built-in double sensors patented technology

- Double sensors patented technology
 - > “iron” sensor: for reliable power supply to the electronics
 - > “air” sensor: for accurate measurement of electrical parameters
- Circuit breaker as a multi-functional meter
 - > Execute measuring function without additional sensor
 - > More accurate measurement, more precise protection
 - > Simplify the number of components in the switchboard



Compact NSX measurement and display function

- Advanced electronic trip units for communication and measurement
 - > Simple design, electrical build-in sensors for measurement
 - > LCD display equipped on tripping unit
 - > Advanced Micrologic Type A for current-related measurements
 - > Advanced Micrologic Type E for energy-related measurements such as current, voltage, power rating, frequency, power usage and harmonics, etc.
- Direct access to data through the screen of tripping unit or FDM121 switchboard display unit
 - > Direct access to various parameters without opening the door of the switchboard
 - > Local and remote displays offer easy access to operators
 - > The user-friendly switchboard display unit with intuitive navigation offers quick access to information
 - > The switchboard “plug & play” display unit connects to the trip unit without any special settings or configuration. A cable fitted with an RJ45 connector allows easy integration with communications networking

內置雙重互感器的專利技術

- 雙重互感器專利技術
 - > 鐵蕊互感器：為電子脫扣器提供可靠的供電
 - > 空蕊互感器：用於精確的測量
- 斷路器成為一個多功能測量表計
 - > 實現測量功能，無需外置互感器
 - > 測量更加精準、保護更加精確
 - > 減少開關櫃內的元件數量

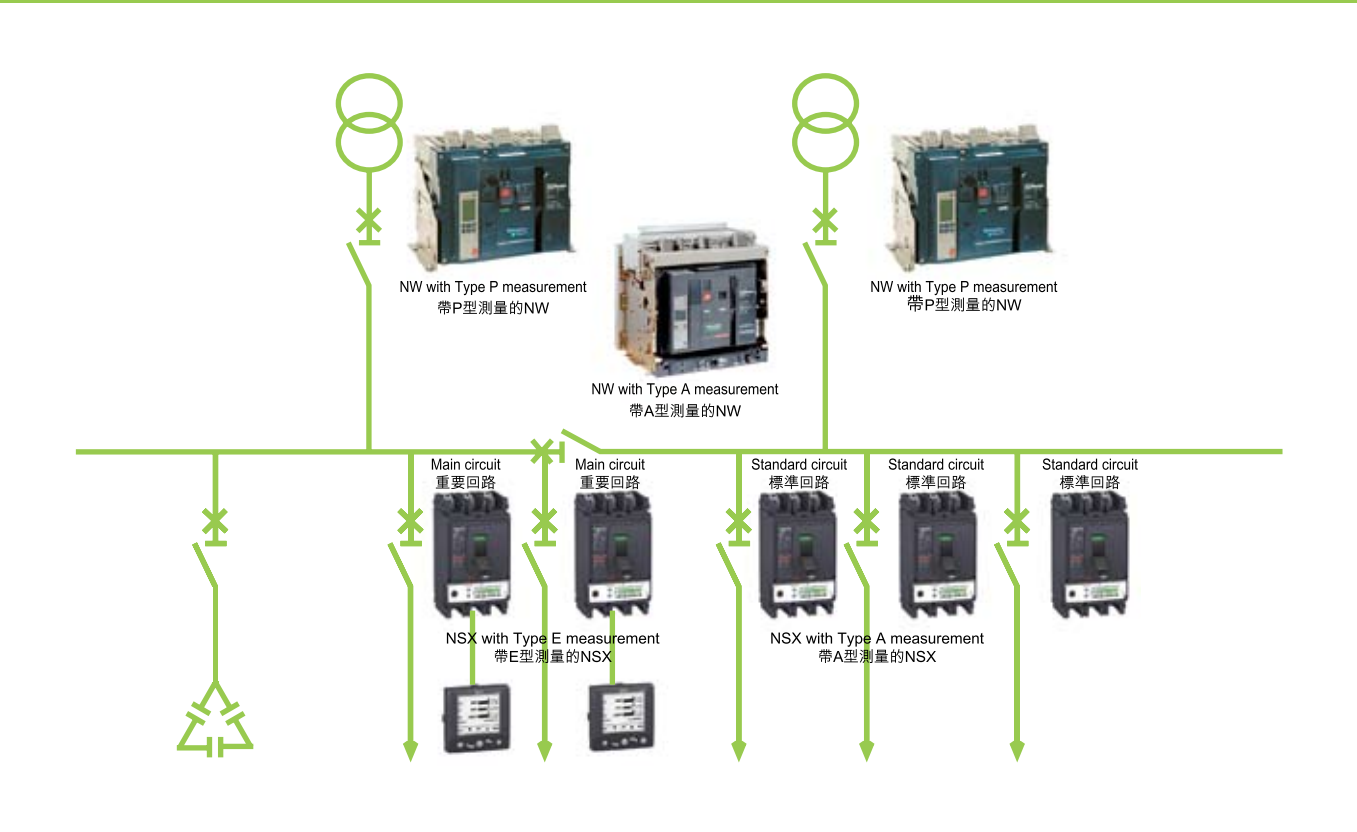
Compact NSX 測量和顯示功能

- 通訊及測量用的電子脫扣單元
 - > 內置用於測量的互感器
 - > 脫扣單元帶有液晶顯示屏
 - > A型可以測量電流參數
 - > E型可以測量電流、電壓、功率、頻率、電量、諧波等多種電力參數
- 在脫扣單元屏幕或FDM121櫃門顯示單元上直接讀取數據
 - > 無需打開櫃門，可直接在櫃門上查看各種參數
 - > 本地和遠程多種顯示模式，為操作人員提供了優異的數據收集環境
 - > 友好界面，導航直觀，使您可以更為準確的讀取數據以及快速的獲取大量訊息
 - > 這是一個“即插即用”的設備，僅需一根RJ45線連接到斷路器上，即可輕鬆實現櫃門顯示或通訊，無需任何特殊的設定或配置

Compact NSX measurement application solutions 測量功能應用方案

Main circuit: Type E tripping unit + FDM121 display unit
重要回路：E型脫扣單元 + FDM121櫃門顯示單元

Standard circuit: Type A tripping unit
標準回路：A型脫扣單元



Simple communication system 便捷的通訊系統



Easy and flexible architecture

The connection of an RJ45 connector with the Modbus interface module allows all Compact NSX circuit breakers to communication functions. When the Modbus address is declared, the Compact NSX device is integrated into the network.

4 levels of communication functionalities can be chosen based on users' applications:

- Communication of device status: On/Off position, trip indication and fault-trip indication
- Communication of commands: open, close, and reset
- Communication of measurements: I, U, f, P, E and THD
- Communication of operating assistance data: settings, parameters, alarms, time-stamped histories and event tables, and maintenance indicators

輕鬆搭建通網系統

僅需一根RJ45連線連接Modbus通訊模塊，即可使所有Compact NSX具有通訊功能。在設定Modbus地址後，Compact NSX即集成至網絡中。

- 用戶可根據個別需求選擇以下四種功能等級：
- 遙信：分斷 / 合閘、脫扣和故障狀態顯示
 - 遙控：分斷、合閘、復位
 - 遙測：I、U、f、P、E、THD
 - 運行數據通訊：設定值、參數整定、警報、歷史事件記錄、維修指標

Communication system solution 通訊系統解決方案

Simple and flexible solution of Compact NSX communication throughout electrical distribution and communication network. Compact NSX便捷的通訊技術，在整個通訊網絡裡應用自如。

