

Connected products

ComPacT NSX



Molded case circuit breakers up to 630 A
Part of PacT Series
The new worldwide benchmark for high current circuit breakers

[Product references](#)



Easy and efficient

- Save space, time, and effort with integrated earth leakage protection (ELCB)
- Easy to swap trip units and standardized accessories over time

Optimize safety

- Roto-active breaking technology helps to reduce early aging effects and increase operation lifespan

Measure and Communicate

- Local and remote communication with trip alarm (earth leakage, overload, short circuit) and pre-alarms (earth

ComPacT NSX is a full range of high performance molded case circuit breakers (MCCB) in two frame sizes designed to meet your needs from thermal-magnetic to advanced MicroLogic trip units. This range features integrated earth leakage protection.

Characteristics

- Flexible installation: any position; switchboard, or wall-mounted
- Nominal current: 16 to 630 A
- 9 breaking capacities for the 2 sizes of circuit breakers:
 - up to 250 A: 25, 36, 50, 70, 100, 150, 200 kA at 415 V
 - up to 630 A: 36, 50, 70, 100, 150, 200 kA at 415 V
 - both size of circuit breakers with 75 and 100 kA at 690 V
- 1, 2, 3, and 4 pole versions available
- Large range of electronic and thermal-magnetic protections
- Advanced trip unit with integrated power metering: I, U, P, E, THD, f, CosPhi
- Interchangeable trip-units to upgrade your panel with smarter functions
- Plug and ready wiring system and communicating accessories
- Wealth of options for auxiliaries and accessories (field installable)
- Integrated earth leakage protection via MicroLogic Vigi (earth leakage circuit breaker - ELCB).

DIGITAL MODULE

PowerTag



PowerTag® is a compact and easy-to-install Class 1 wireless communication energy sensor that monitors and measures energy and power in real time.

[More information on se.com](#)

PowerLogic PM5000 series



High-end cost management capabilities in an affordable power meter
Part of PowerLogic™
Compact, versatile power meters for energy cost and basic network and asset management applications

[Product references](#)



- Ease of installation
- Cost-effective, as the range can meet the majority of requirements
- Simplified ordering with features in optimal combinations – no overlap
- Now available with LVDC and Analog inputs
- Simple integration into larger systems and solutions (dual Ethernet, Modbus TCP, BACnet/IP, and DNP3.0 over Ethernet)
- Easy setup with intuitive HMI
- Easy to use, with precision metering and billing
- Billing flexibility with MID compliance, support for up to eight tariffs
- Cybersecurity features to help ensure confidentiality and data support
- Consistent, superior performance with IEC 61557 compliance

PowerLogic PM5000 series power meters offer high-end cost management capabilities in a straightforward metering platform. With power quality capabilities, residual current monitoring, and MID conformance (PM5500, 5600, and 5700 range), this combination of features merges with industry-leading measurement accuracy to match the requirements of energy cost and asset management applications in buildings and industry.

The meter range is ideal for multi-tenant commercial markets, multi-unit residential buildings, industrial facilities, and – with DNP3.0 protocol support – utilities and heavy industry.

Function

- Metering and sub-metering
- Class 0.5S IEC 62053-22
- Class 0.2S (PM55xx)
- IEC 62053-22
- Class 1/2 IEC 62053-24
- IEC 61557-12

Application

- Panel instrumentation: I, U, F, P, Q, S, PF, E (Power demand and current demand)
- Sub-billing and cost allocation
- Power availability and Harmonics / Compliance monitoring

Characteristics

- Measurement accuracy (active energy): Class 0.2S (PM55xx) Class 0.5S
- Installation: Flush and DIN 96 mm x 96 mm
- Voltage measurement:
 - 20-400 V L-N 20-690 V L-L (PM55xx)
 - 20-277 V L-N 35-690 V L-L (PM51/53xx)
- Current measurement: external CT
- Communication ports: 2
- Inputs / Outputs:
 - 1DO for PM51xx
 - 4/6 I/O PM53xx based on model
 - 6 I/O for PM55xx
- Memory capacity:
 - 256 kb
 - 1.1 MB (PM55xx)