



Compact NSX & NSXm Molded Case Circuit Breakers

Discover two innovations in the range:

- The smallest frame size in the range with Compact NSXm
- Integrated earth leakage protection via Micrologic Vigi



[schneider-electric.com](https://www.schneider-electric.com)

Life Is On

Schneider
Electric

Compact NSX & NSXm

60 years of innovative and reliable protection



The Schneider Electric™ Compact range is built on 60 years of expertise and leadership in industrial circuit breakers.

Schneider Electric is continuously introducing new features and innovations in its range of molded case circuit breakers. The comprehensive and optimized Compact NSX range covers all your protection needs and now comes in a smaller size, and with integrated earth leakage protection.

The range combines intelligent metering and monitoring, along with advanced protective functions.

This range can be connected to Schneider Electric's open, interoperable, IoT- (Internet of Things) enabled EcoStruxure™ Power system architecture. Through this platform we deliver enhanced value in terms of safety, reliability, efficiency, sustainability, and connectivity for our customers.

We leverage technologies in IoT, mobility, sensing, cloud, analytics, and cybersecurity to deliver Innovation at Every Level. This includes connected products, edge control, and apps, analytics & services.



Compact NSX & NSXm

Reliability that fits

Efficiency that clicks

Innovation that protects

Building digital architectures

EcoStruxure Power



Schneider Electric is proud to introduce two new innovations to the Compact NSX range: As the latest family member, Compact NSXm comes to you with a smaller footprint as well as integrated earth leakage protection - which is available across the range.

Compact NSXm

New

Smallest size in the range

- The smallest frame size in the Compact NSX range, incorporating new features and innovations
- Gain up to 40% in space when using with integrated earth leakage protection
- Reduce up to 40% mounting and cabling time with EverLink™ connectors, built-in DIN rail and spring-type auxiliaries
- Select, configure and commission with ease, thanks to Schneider Electric online tools: Ecodial, Ecoreal, MyPact.



Micrologic Vigi

New

Integrated earth leakage protection

- Easy to integrate into row that does not have earth leakage protection
- Simple to use, reliable, and now comes in the same frame size, and for the same panel support
- Gain up to 40% in space when using with integrated earth leakage protection into the Micrologic Vigi trip units
- Part of the EcoStruxure Power architecture, with digital communication capability and data management (settings, measurement, pre-alarms, trip & test history).



Compact
NSX & NSXm



Reliability
that fits



Efficiency
that clicks



Innovation
that protects



Building digital
architectures



EcoStruxure
Power



Reliability that fits

Made to protect

Optimized size and innovations tailored to your needs

You can depend on Compact range, even in the most stressful of environments. The Compact range address high-demanding applications, thanks to its high level of breaking capacities.

- Safe and reliable protection
- An excellent choice for all standard and specific applications
- The highest-rated breaking capacity in its class with 100 kA at 690 V
- Quality-certified by independent authorities
- Extended breaking capacity available in the same space-saving Compact NSX frame size.



Compliance with international standards and for specific applications



Compact
NSX & NSXm



**Reliability
that fits**



Efficiency
that clicks



Innovation
that protects



Building digital
architectures



EcoStruxure
Power



Reliability that fits

Made to protect

Roto-active™ breaking technology

While the Compact NSXm is the smallest breaker in the Compact range, it nonetheless features all the innovations from previous generations, and notably includes roto-active breaking technology.

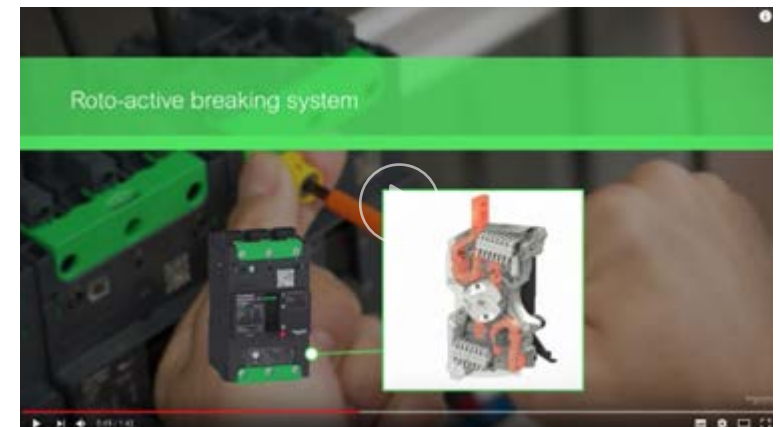
Schneider Electric was the first to introduce this technology - an innovation in which the effective fault current limitation benefits the entire installation, particularly its cables.

Reducing effects of short circuits to extended your installation life:

- Increase life duration of all items downstream of the electrical network
- Provide both outstanding selectivity and cascading.



Learn about Roto-active breaking technology:



Compact
NSX & NSXm



**Reliability
that fits**



Efficiency
that clicks



Innovation
that protects



Building digital
architectures



EcoStruxure
Power



Reliability that fits

Made to protect

New



EverLink™ connectors for enduring safety

Compact NSXm

The Compact NSXm features EverLink, an innovative cable connection method with patented creep-compensating technology that is built directly into the terminal. EverLink gives you:

- Confidence that your electrical connections maintain consistent pressure on the cable over time
- A space-saving solution as bare cable connections are as safe as compression lug cable connections
- IP40 protection available thanks to transparent long terminal shield.



Learn about EverLink online:



Compact NSX & NSXm



Reliability that fits



Efficiency that clicks



Innovation that protects



Building digital architectures



EcoStruxure Power



Efficiency that clicks

Make the switch

Mounting, installing and cabling made easier

Today, the Compact range is optimized with a high level of breaking capacities, outstanding selectivity and cascading.

It offers more advanced functions and ergonomic designs for easy installation and operations.

The latest innovations that reinforce this:

- The Compact NSXm is an innovative frame that minimizes space occupation with combinations up to 160 A
- Compact NSX and NSXm are now available with integrated earth leakage protection via Micrologic Vigi trip unit technology.

Software for each step of your project

To complement its high-quality products, Schneider Electric offers power supply professionals a wide range of online and offline software tools that help to improve productivity at all stages of your project. These resources include: Ecoreal, Ecodial, MyPact, Ecoreach.

[Schneider-electric.com](https://www.schneider-electric.com)



Compact
NSX & NSXm



Reliability
that fits



**Efficiency
that clicks**



Innovation
that protects



Building digital
architectures



EcoStruxure
Power



Efficiency that clicks

Make the switch

New



Compact NSXm

Smallest size in the range

Flexible installation for your convenience

Power connections made more efficient



Click your Compact NSXm into place with the built-in DIN rail, no extra parts required or save space thanks to vertical plate mounting. Available with Micrologic Vigi.



EverLink connectors for reliable and quick bare cables connections. Innovative torque-limiting breakaway bits can be used to tighten power connections in the field.

Compact
NSX & NSXm



Reliability
that fits



**Efficiency
that clicks**



Innovation
that protects



Building digital
architectures



EcoStruxure
Power



Efficiency that clicks

Make the switch



Micrologic Vigi

Integrated earth leakage protection

Free up space in your panel board

The Compact NSX with integrated earth leakage protection fits perfectly in row with circuit breaker which do not have earth leakage protection. Compact NSXm is also available with Micrologic Vigi.

Save time and effort

Now there's no need to order separate earth leakage modules. Save time, now that there's one less item to add to the panel board.



Compact
NSX & NSXm



Reliability
that fits



**Efficiency
that clicks**



Innovation
that protects



Building digital
architectures



EcoStruxure
Power



Efficiency that clicks

Make the switch

New



Maintenance made more efficient

The Compact range combines intelligent metering and monitoring with advanced protective functions. The range can be connected as part of an EcoStruxure Power digital architecture. By measuring performance data and offering performance analysis, building owners and managers can anticipate and prevent issues throughout the equipment life cycle.

Compact NSXm

Instant access to product information

Visible auxiliaries



Scan the Compact NSXm QR code for product information and easy access to the customer care center.

One-click auxiliaries on the Compact NSXm with field-installable accessories and auxiliaries. Their presence in the breaker is externally visible through flags and its window.

Compact
NSX & NSXm

Reliability
that fits

**Efficiency
that clicks**

Innovation
that protects

Building digital
architectures

EcoStruxure
Power



Innovation that protects

Make the connection



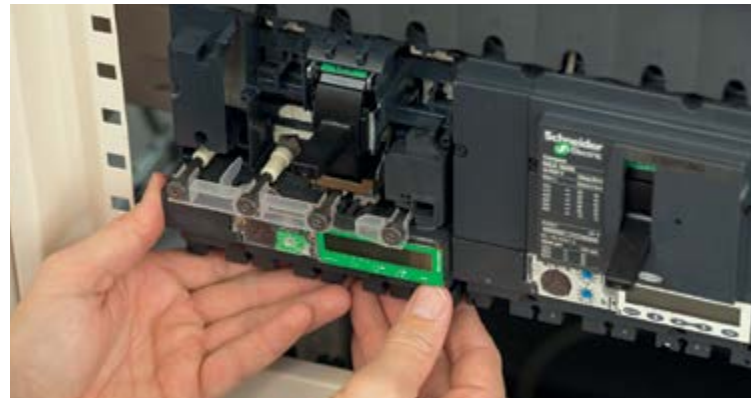
Micrologic Vigi

Real-time connectivity



Thanks to the advanced Micrologic Vigi trip unit, EcoStruxure Power notifies in the event of overloads or current leakage, before tripping thresholds are reached.

Easy product upgrades



Simply upgrade the Compact NSX to improve circuit breaker functionality – and to take advantage of earth leakage protection and digital communication. Just replace the former Micrologic or Thermal-Magnetic trip unit with the new Micrologic Vigi.

Compact
NSX & NSXm



Reliability
that fits



Efficiency
that clicks



**Innovation
that protects**



Building digital
architectures



EcoStruxure
Power



Innovation that protects

Make the connection

Connectivity: from corrective to predictive maintenance

As Schneider Electric's IoT-connected power supply architecture, EcoStruxure Power makes maintenance more effective, and reduces the probability and duration of blackouts. Compact circuit breakers play a major role in the EcoStruxure architecture, acting as watchdogs over the power supply systems, and providing data to digital architectures and monitoring software.

Corrective maintenance

EcoStruxure Power enables maintenance managers to dramatically reduce power outage duration.

Example: In case of a tripped breaker, the system automatically sends email alerts. Technical staff can diagnose the incident remotely, decide upon the appropriate actions, and monitor the results.

Preventative maintenance

Enables technicians to fix issues before they can have impact on building occupants, their comfort and their productivity. This is done by:

- Sending remote warnings as soon as a creeping fault is detected, especially current leakage.

- Assisting during routine checks, making sure all points are verified regularly and providing access to all information, including event logs, in case of a suspected weakness.

The available information enables preventive maintenance based on wear-out indications and warnings sent via the digital system.

Predictive maintenance

Data collected across the power distribution network, stored and computed by Schneider Electric analytics, provides greater insight, for improved long-term planning and life-cycle management. Furthermore, advanced data processing enables predictive maintenance.

Example: By analyzing historical data and monitoring load profiles, maintenance and upgrades can be scheduled with efficiency.

Learn about the connectivity online:



Click on screen to download

Enerlin'X
Communication system
for Smart Panels -
Catalogue 2017

Compact
NSX & NSXm



Reliability
that fits



Efficiency
that clicks



**Innovation
that protects**



Building digital
architectures



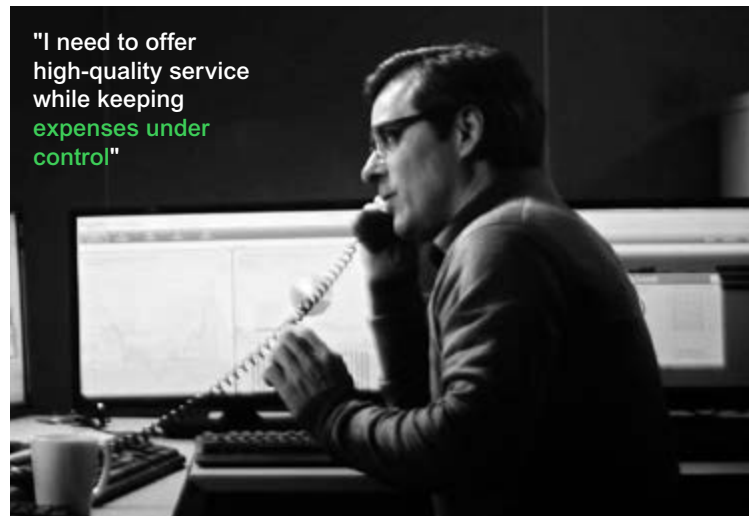
EcoStruxure
Power



Building digital architectures that leverage the new power distribution paradigm

The energy world is becoming more electric, digitized, decarbonated and decentralized. Not only is this a huge challenge for mankind and the benefit of future generations, but it is a collective challenge for all electrical distribution professionals. EcoStruxure Power by Schneider Electric can help us face the challenges ahead.

EcoStruxure Power delivers safe, highly available, and energy-efficient electrical distribution systems for low and medium voltage architectures. Our IoT-enabled power management solutions enhance connectivity, real-time operational reliability, and smart analytics for peace of mind and significant financial benefits to businesses of all sizes and maturity levels.



More electric

2x

faster growth of electricity compared to energy demand by 2040

More digitized

10x

more incremental connected devices than people by 2020

More decarbonized

79%

untapped energy efficiency potential in infrastructure and more than half in industry

More decentralized

70%

of new capacity additions will be in renewables by 2040

Compact
NSX & NSXm



Reliability
that fits



Efficiency
that clicks



Innovation
that protects



**Building digital
architectures**



EcoStruxure
Power



EcoStruxure Power

Embrace an open partner ecosystem

Today's value chain in electrical distribution is highly fragmented and inefficient from design to maintenance.

With EcoStruxure Power solutions, Schneider Electric can strengthen and simplify the entire project path by shaping a unique ecosystem of specifiers, contractors, panel builders, integrators, distributors and facility managers serving end users.

For these electrical distribution professionals, EcoStruxure Power provides opportunities to broaden and improve the services they offer their customers.

- A comprehensive and innovative range of IoT-enabled LV and MV offers
- Proven, interoperable reference architectures for any building or business
- Design, selection, commissioning and configuration tools to enhance deployment efficiencies across the project life cycle.



More electric

450,000+

EcoStruxure installations

More electric

1 billion

connected devices.

Compact
NSX & NSXm



Reliability
that fits



Efficiency
that clicks



Innovation
that protects



Building digital
architectures



**EcoStruxure
Power**



EcoStruxure Power

Embrace an open partner ecosystem

Apps, Analytics & Services

Actionable predictive maintenance information that protects your customers, safeguard your reputation and minimizing financial impact.



Edge Control

Track maintenance activity to reduce downtime, energy use, and maintenance costs while improving site planning and revealing additional capacity.



Connected Products

Pinpoint overloads and inefficiencies proactively, make informed decisions that improve operational efficiency, and finally stop chasing vague alarms..



Compact NSX & NSXm



Masterpact MTZ



Acti 9



Smart Panels



UPS



Easergy



Powerlogic

EcoStruxure Power:
Visit our webpage to
discover your possibilities

[schneider-electric.com/
ecostruxure-power](https://schneider-electric.com/ecostruxure-power)



Compact
NSX & NSXm



Reliability
that fits



Efficiency
that clicks



Innovation
that protects



Building digital
architectures



**EcoStruxure
Power**



Life Is On

Schneider
Electric™

Stay up-to-date with relevant information

schneider-electric.com

Schneider Electric

Head Office

35 rue Joseph Monier

92500 Rueil Malmaison Cedex- France

Tel: +33 (0)1 41 29 70 00

©2018 Schneider Electric. All Rights Reserved. Schneider Electric | Life Is On, EverLink, Green Premium, and Compact NSX are trademarks and the property of Schneider Electric SE, its subsidiaries, and affiliated companies. All other trademarks are the property of their respective owners.

998-20140003_GMA

