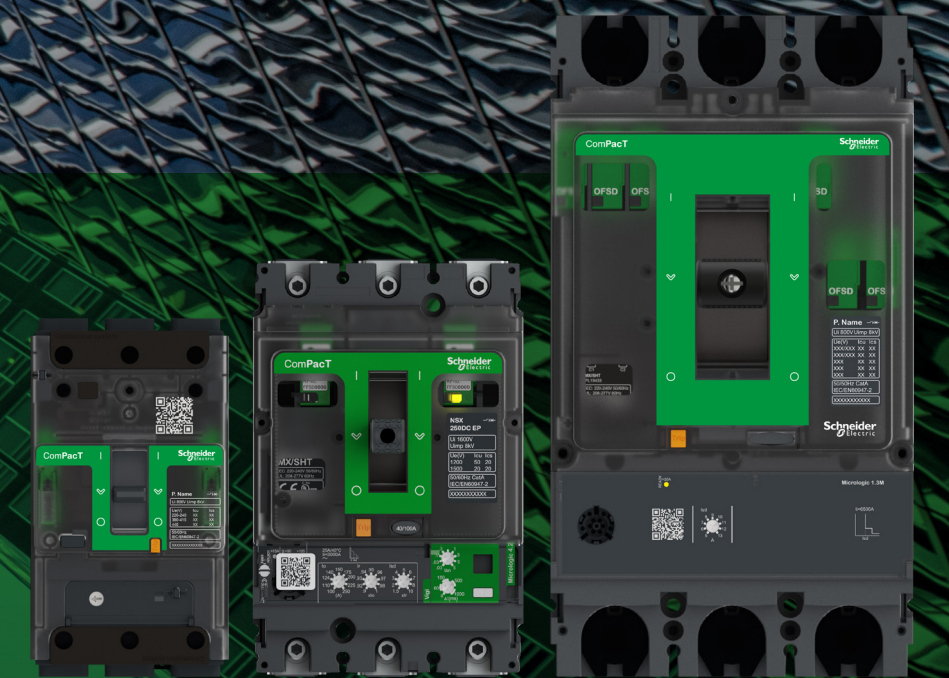


# Meet the new face of connected breaker technology



70 years of innovative and reliable protection

[se.com/compact-nsx](https://se.com/compact-nsx)

Life Is On

**Schneider**  
Electric



# Table of contents

New face of technology

1

Optimized size  
and innovations

2

Predictive maintenance

3

Embrace an open  
partner ecosystem

4

New commercial  
references

5





# Meet the new face of connected breaker technology

## 70 years of innovative and reliable protection

The Schneider Electric™ Com**PacT**™ range is built on 70 years of expertise and leadership in industrial circuit breakers.

Today Schneider Electric is launching its new generation of Com**PacT** molded case circuit breakers.

The comprehensive, optimized Com**PacT** range covers your protection and has been redesigned with a superior customer experience in mind.

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

This range can be connected to Schneider Electric’s open, interoperable, IoT-enabled EcoStruxure™ Power architecture. Through this platform we deliver enhanced value in terms of safety, reliability, efficiency, sustainability, and connectivity.

We leverage technologies in IoT, mobility, sensing, cloud, analytics, and cybersecurity to deliver Innovation at Every Level.

This includes connected products, edge control, apps, analytics and services.



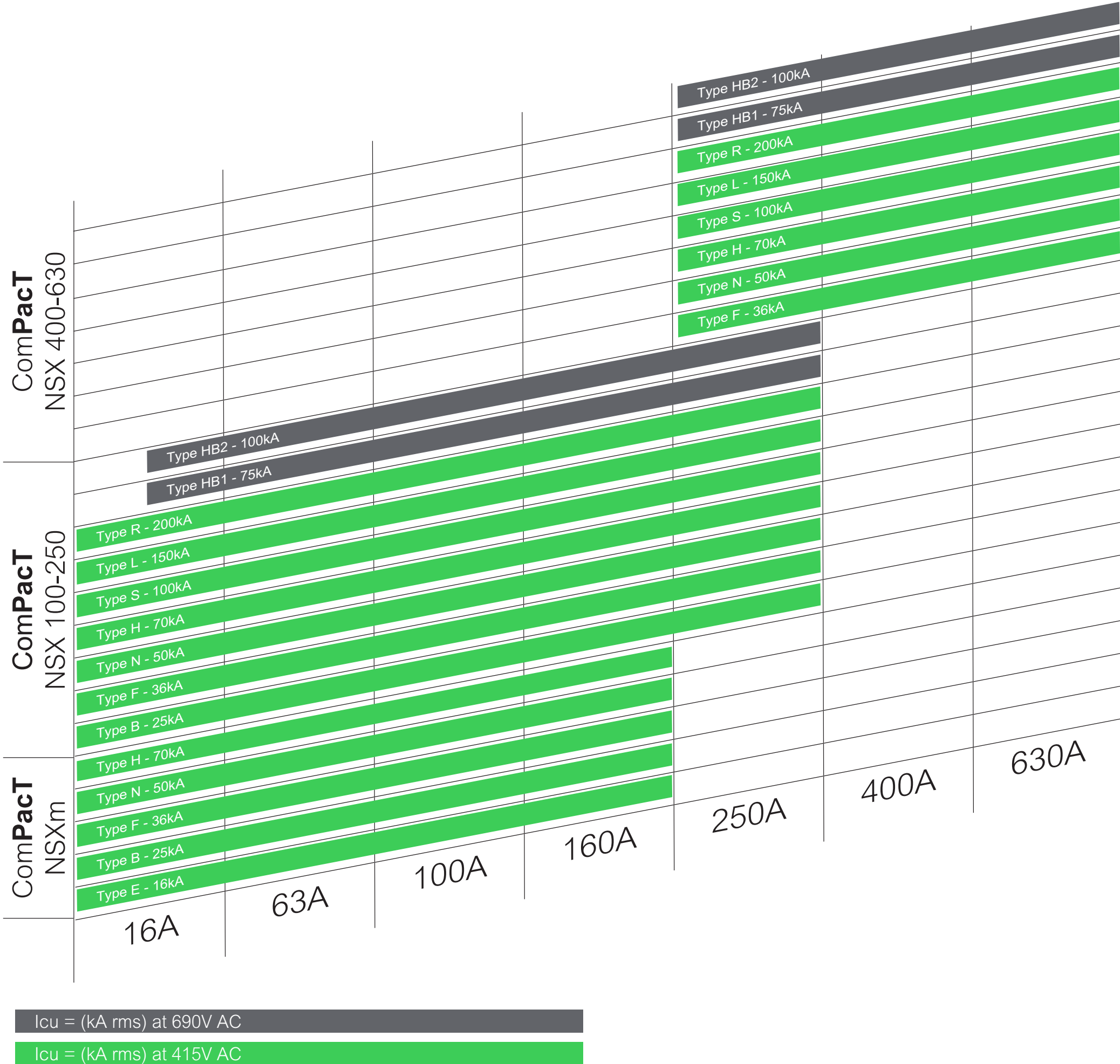
# ComPacT NSX and NSXm, even more innovative and efficient

Com**PacT** circuit breakers feature Schneider Electric’s exclusive Roto-Active Breaking System; it reduces the effects of short circuits of your installation.

Today, the Com**PacT** 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.

## Ten performance levels

HB2 | HB1 | R | L | S | H | N | F | B | E

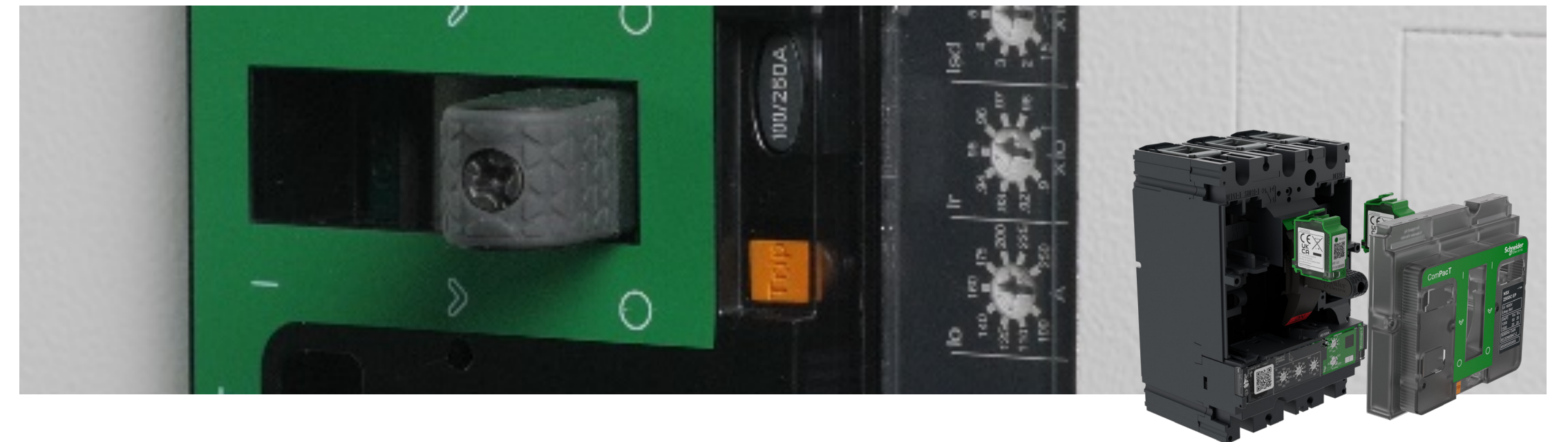




Schneider Electric is proud to introduce the new generation of Com**PacT** MCCBs. These breakers talk to you, wherever you are, in all transparency. New design complements new wireless connectivity capabilities with our latest wireless auxiliary contact.

New

## Com**PacT** Design



### New signature design

- Schneider Electric green signature style for the entire Com**PacT** range
- Estimated 40% reduction of wiring time for panel builders
- Experience easier installation thanks to a new ergonomic front-plate design
- Gain the confidence that all auxiliaries are on the right spot, and simply double check that you have the right coil rating
- Ergonomic new toggle for easier breaker manual operation





New

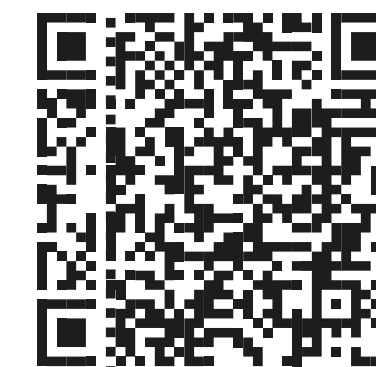
# Wireless Auxiliary Contact



## Wireless breaker status

- Plug & play technology for clear connection status (0 or 1, no half-way wired)
- Placed in the same position as the wired version, its LED light will give you direct indication in case of a tripping
- If you are away, your Com**PacT** will send you an immediate notification via EcoStruxure Facility Expert for instance
- Wireless auxiliary accelerates overall wiring time: status communication is done very simply and commissioned wirelessly
- Communication architecture is fully EcoStruxure Power validated, with any application

## Ready to meet the new face of ComPacT?



In 2021 you will meet the new generation of Com**PacT**™ circuit breakers with semi-transparent faceplate, screwless auxiliaries and remote monitoring features.

Learn about the benefits of the Com**PacT** range here:  
[se.com/compact-nsx](https://se.com/compact-nsx)





While we are launching a new generation of Com**PacT** breakers, we are building upon the very latest innovations that made the success of the range in the first place. The following innovations were launched recently and are still very much applicable to the new generation of Com**PacT** breakers.

## ComPacT NSXm



### Smallest size in the range

- Com**PacT** NSXm is the smallest frame size in the 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: EcoStruxure Customer Lifecycle Software, such as EcoStruxure Power Design - Ecodial





# MicroLogic Vigi



## Integrated earth leakage protection

- Easy to integrate into a 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
- Standard protection of distribution cables
- Part of the EcoStruxure Power architecture, with digital communication capability and data management (settings, measurement, pre-alarms, trip & test history)

## Innovation that protects:



In 2021 you will meet the new generation of Com**PacT**™ circuit breakers with semi-transparent faceplate, screwless auxiliaries and remote monitoring features.

Learn about the benefits of the Com**PacT** NSX range here:  
[se.com/compact-nsx](https://se.com/compact-nsx)





# Optimized size and innovations tailored to your needs

## Roto-active™ breaking technology

While the Com**PacT** NSXm is the smallest breaker in the Com**PacT** 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.

## Reduce the effects of short circuits to extend your installation life:

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



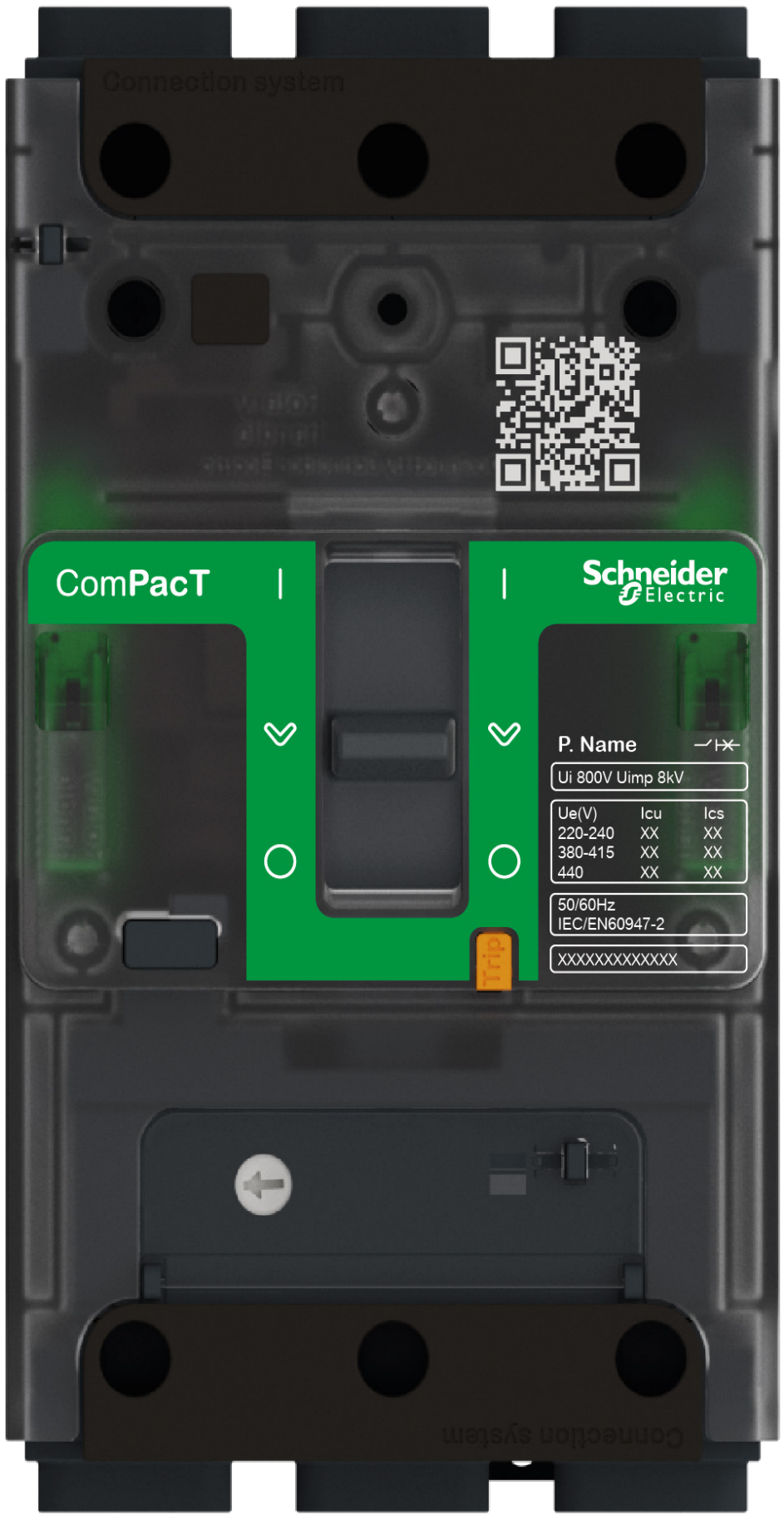


# EverLink™ connectors - for enduring safety

## ComPacT NSXm

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

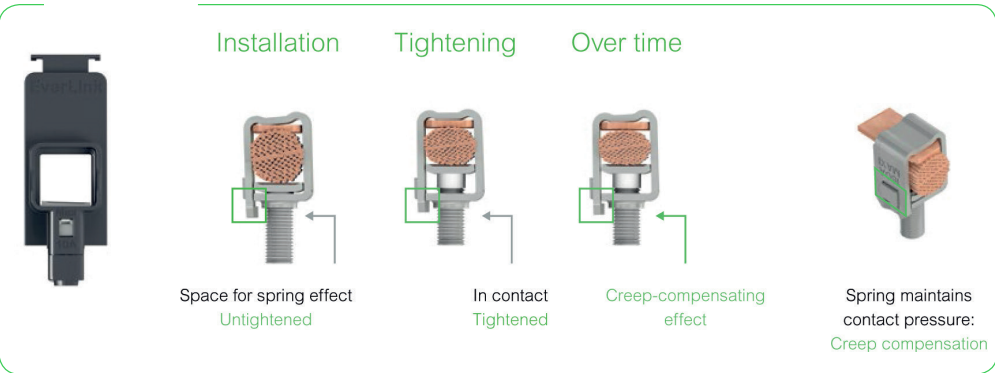
- Confidence that your electrical connections maintain consistent pressure on the cable over time
- A space-saving solution as bare cable connections are as reliable as compression lug cable connections
- IP40 protection available thanks to transparent long terminal shield



  
**Learn about**  
EverLink online:



Scan or  
click on  
QR code





# 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. Com**PacT** 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 significantly reduce power outage duration.

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

## Preventative maintenance

Enables technicians to fix issues before impacting the comfort and productivity of building occupants. 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 suspected weakness.

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

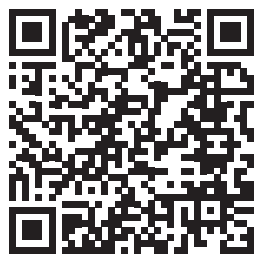
## Predictive maintenance

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 efficiently.



Learn about connectivity online:



Scan or click on QR code



EcoStruxure Power connected products





# 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 strengthens and simplifies the entire project path by shaping a unique ecosystem of specifiers, contractors, panel builders, integrators, distributors and facility managers serving end users.

450,000+

EcoStruxure installations

1 billion

connected devices

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

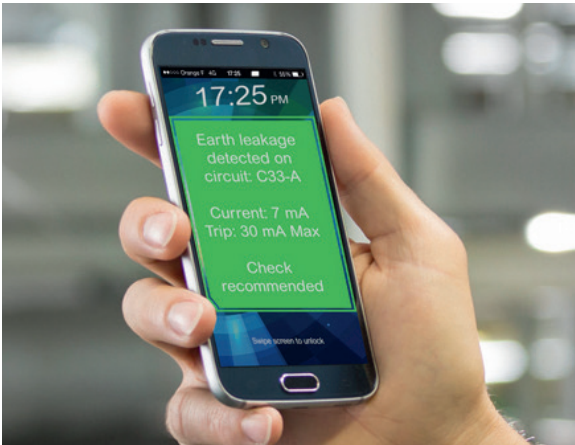
- A comprehensive and innovative range of IoT-enabled LV and MV offers
- Proven, interoperable reference architectures for any building or business
- Design, selection, commissioning and configuration tools to enhance deployment efficiencies across the project life cycle

## Apps, Analytics & Services



Actionable predictive maintenance information that protects your customers, safeguards your reputation and minimizes 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



IoT-enabled low and medium voltage offers to seamlessly fit into EcoStruxure architectures.





# Contribute to a better world. Enhance sustainability with ComPacT range

## Achieve Green Building certification with Green Premium ecolabel

In compliance with ISO 14025 PEP ecopassport program, we publish a comprehensive Life Cycle Analysis of our product, providing the environmental data you need to achieve Green Building certifications.

For example, ComPacT NSX & NSXm contribute to 3 LEED™ points in the Building Product Disclosure and Optimization section:

- Environmental Product Declaration
- Material Ingredients

ComPacT NSX range is now enriched with the new ComPacT NSXm, designed according to the EcoDesign Way™ by Schneider.

It now features new space saving frame size for reduced resource consumption, and more.



### New Packaging



- The ComPacT range comes in plastic-less packaging: not only to reduce our carbon footprint, but it also means less waste in the workshops
- Simplified instruction sheets included in all packaging
- 100% recycled carton
- Scan QR codes for access to digital documentation

This product is REACH and RoHS compliant





# New generation, simpler commercial references

## New meaningful references to make your life easier

We know any change in commercial references will be an adjustment, but in the long run we believe this change is needed, and will make your life easier.

For instance LV429630 will become C10F3TM100  
Com**PacT** Breaker NSX100F 36kA AC 3P3D 100A TMD



### Scan QR code for breaker updates

Each breaker is equipped with a QR code that allows you to get the latest information on your breaker.

Type (1)	Frame rating (2)	Breaking capacity (1)	Num Poles (2)	Trip Unit (2)	Trip Unit Ratings (3)	Suffix (1)
NSX = C	100m = 11	16kA = E	1P = 1	TMD = TM	16 = 016	EverLink = L
NSXm = C	160m = 12	25kA = B	2P = 2	MA = MA	20 = 020	Busbar = B
	100 = 10	36kA = F	3P3D = 3	TMG = MG	25 = 025	Fixed = F
	160 = 16	50kA = N	4P4D = 4	1.3 M = 1M	30 = 030	DC = D
	250 = 25	70kA = H	3P2D = 5	2.2 = 2D	40 = 040	Switch = S
	400 = 40	100kA = S	4P3D = 6	2.3 = 2D	50 = 050	DC PV = DP
	630 = 63	150kA = L		4.1 = 4V	63 = 063	
		...		4.2 = 4V	80 = 080	Acc with ID
				...	100 = 100	change = T
					...	





# Simpler names for our offers

We are making it easier for you to navigate across the wide range of our world-class digital offerings and select with confidence the offers that are right for you and your needs.

## EcoStruxure Architecture

To enable brand consistency, relevance and impact, we are reinforcing our EcoStruxure™ architecture and digital customer lifecycle tools to ensure a seamless experience from the CAPEX to OPEX phases of each project, bridging our entire ecosystem of partners, services providers and end users.

EcoStruxure is our IoT-enabled open and interoperable system architecture and platform. EcoStruxure delivers enhanced values around safety, reliability, efficiency, sustainability and connectivity for our customers.

EcoStruxure leverages advancements in IoT, mobility, sensing, cloud, analytics, and cybersecurity technologies to deliver Innovation At Every Level from Connected Products; Edge Control; and Apps, Analytics & Services: our IoT technology Levels.

	New Names
Ecodial	EcoStruxure Power Design
Ecoreal	EcoStruxure Power Build
Ecoreach	EcoStruxure Power Commission
Masterpact MTZ mobile App	EcoStruxure Power Device App

## PacT Series

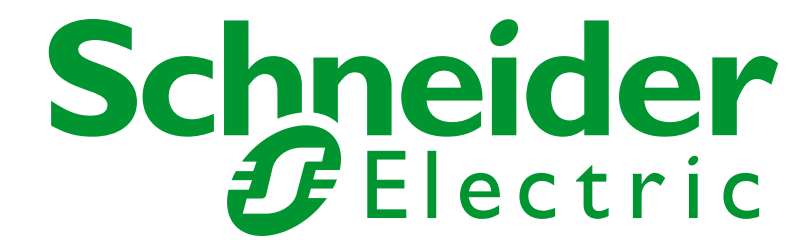
Future-proof your installation with Schneider Electric’s low and medium voltage **PacT** Series. Built on legendary Schneider Electric innovation, the **PacT** Series comprises world-class circuit breakers, switches, residual current devices and fuses, for all standard and specific applications. Experience robust performance with this comprehensive range of EcoStruxure- ready switchgear, for all applications from 16 to 6300 A.

	New Names
Compact	Com <b>PacT</b>
Masterpact	Master <b>PacT</b>
Micrologic	MicroLogic
Transferpact	Transfer <b>PacT</b>
Fupact	Fu <b>PacT</b>





Life Is On



[insert text here]

[se.com/compact-nsx](https://se.com/compact-nsx)



## Schneider Electric

35 rue Joseph Monier

92500 Rueil-Malmaison, France

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

