



MasterPacT MTZ Active



MasterPacT MTZ with
MicroLogic Active.
Ready to Act.

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Life Is On

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MasterPacT MTZ with MicroLogic Active. Ready to Act.

With the emergence of Electricity 4.0 and a world that is increasingly digital and electric, customers face complex day-to-day challenges, including 24/7 uptime demands, spiraling energy costs, urgent calls for sustainable practices, and the integration of renewables.

MasterPacT MTZ with MicroLogic Active are ready to act to meet these challenges and more.

A legacy of innovation

For 35+ years, the MasterPacT name has been synonymous with circuit breaker innovation and performance.

After pioneering digital breakers more than a decade ago, MasterPacT continues to lead the way today by offering a new, intuitive control unit with innovative digital features that allow customers to achieve a new benchmark for safety and resiliency while ensuring business continuity.

Energy demands are escalating

40%

Amount of available energy consumed by buildings worldwide

+50%

Level of increase in global industry energy demand by 2050

50 billion

Number of smart, connected devices by 2020

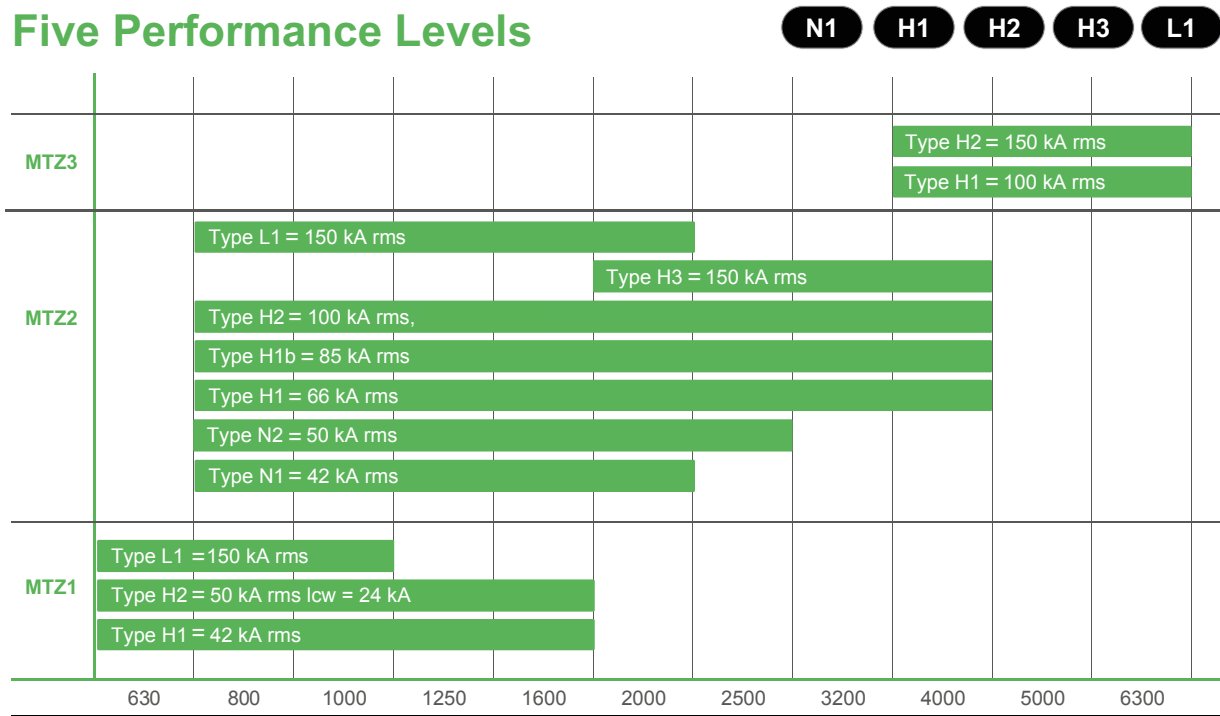
100%

Expected uptime for buildings worldwide



The MasterPacT MTZ range covers your protection needs.

Five Performance Levels





Ready to act for **SAFETY**

MasterPacT MTZ Active features safety-enhancing innovations to help protect electrical contractors, building occupants, maintenance personnel, and property. From its Energy Reduction Maintenance Setting to its intuitive control unit, our advanced breaker sets new benchmarks for safe installations and operation.

Energy Reduction Maintenance Settings
(ERMS) enhance protection against arc flash hazards

Application-specific integrated circuits
(ASICs) increase IP safety, improve reliability, and reduce cost

Fast-trip capability
prevents power overloads, safeguarding people and property

Intuitive control unit
allows quick setting of all protection functions



Near Field Communication
(NFC) provides remote access via a smartphone and the EcoStruxure Power Device app

Responding to **customer challenges**

Companies across industries demand power 24/7. So when an outage occurs, they need to determine the cause quickly. Was it an overload? Short circuit? Equipment ground fault?

Knowing the root cause of an outage allows quick action to restore power and resume normal operations versus enduring lengthy and costly delays. MasterPacT MTZ combines real-time information and ease of use to enable fast mitigation of outage events.

MasterPacT MTZ with MicroLogic Active saves time and money

The new MasterPacT MTZ's innovative control unit, MicroLogic Active, monitors various breaker functions to provide vital, real-time information, which makes the MasterPacT MTZ Active. In the event of a power outage, the breaker lets you scan a QR code on the control unit to quickly identify the cause and determine the best action to take. No need to search through a 200-page document ever again. With MasterPacT MTZ Active, you are ready to act – fast!



Keyboard locking feature **protects parameter settings** by requiring a PIN code for user access

Color LED and LCD indicators facilitate **at-a-glance breaker status monitoring**





Ready to act for **SIMPLICITY** and **FLEXIBILITY**

With MasterPacT MTZ Active, there's no need to change your current design and installation practices – dimensions, footprint, and commissioning procedures all remain the same. And in the event of last-minute trips, you are able to respond immediately.

USB-C port allows **quick setup** and reflects latest communications best practices



User-friendly interface facilitates operation, diagnostics, and maintenance



Alarms can be customized to voltage requirements of different machines and applications

Field-swappable control unit allows last-minute changeouts, eliminating entire breaker replacements and avoiding project delays



Ready to act for **SUSTAINABILITY**

By partnering for sustainability with Schneider Electric through the installation of MasterPacT MTZ Active, you are helping to minimize impacts on the planet while accelerating our collective journey on the road to net zero.



Green packaging eliminates single-use plastics and features 100% recycled and recyclable cardboard

Transformer efficiency data helps inform actions to **save energy and reduce CO2 emissions**

Upgrading with an MicroLogic Active control unit **extends the life of installed NT and NW breakers** and achieves carbon savings by eliminating the need to replace the entire breaker



Energy metering **tracks power consumption** and promotes energy efficiency





Ready to act for BUSINESS CONTINUITY

Across industries, everyone demands power 24/7. And when outages occur, customers need to determine the cause – fast. MasterPacT MTZ Active is designed allow your customers to achieve new levels of uptime and agility.



On-site Selectivity Checks ensure power availability and maximize the business continuity

Customizable alarms and event log contribute to uptime optimization

Algorithm-generated notifications facilitate **preventive maintenance**



Field-swappable control unit allows last-minute changeouts, eliminating entire breaker replacements and avoiding project delays



Industry-first QR code solution provides immediate access to the root cause of outages and advises the best action to remedy them



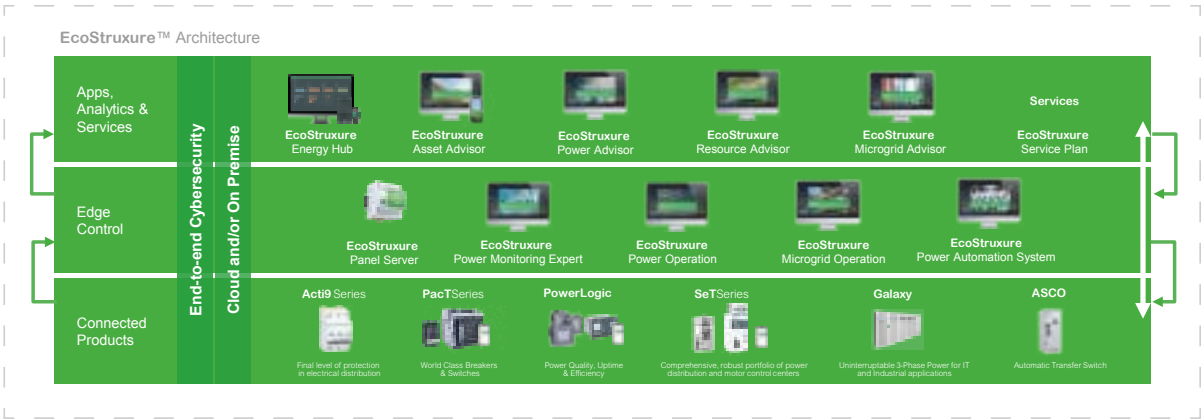
Active with EcoStruxure

MasterPacT MTZ Active circuit breakers are part of the Active Panel solution made possible by Schneider Electric's EcoStruxure Power architecture.

By connecting cutting-edge hardware with innovative software, Active Panels provide real-time information that enables users to pinpoint overloads and inefficiencies, make informed decisions to improve operational efficiency, and keep track of a building's electrical system status.

MasterPacT MTZ Active circuit breakers combine with Active Panels to allow:

- Connection to EcoStruxure software to unlock electrical system potential
- Remote monitoring and control with any supervision system to carry out predictive and preventive maintenance
- Remote notifications and maintenance planning with Facility Expert digital maintenance logbook
- Proactive facility management with EcoStruxure Facility Advisor, Power Monitoring Expert, Power SCADA Operations, and Building Operation software
- Asset life-cycle management and condition-based maintenance via equipment monitoring
- Asset and alarm management
- Energy efficiency and power quality management
- Compliance with the latest regulations for energy-efficient buildings



A new digital USER EXPERIENCE

With the MasterPact MTZ active circuit breaker, every stage of the project - from designing and configuring to operating and maintaining - is streamlined using it's digital capabilities.

DESIGN



EcoStruxure Power Design Software
Single-line diagram design software that calculates and sizes your electrical installation.

EcoStruxure Power Build Software
Quick configuration and quotation tool for switchboards.

Design with 3rd Party Software
Completely integrated with third party design software to enhance your work efficiency.

CONFIGURE AND ORDER



Product Selector
Configure MasterPact MTZ to save time and ensure accuracy

BUILD AND COMMISSION



EcoStruxure Power Commission software
Commission and upgrade easily with protection setting and factory-acceptance test.

OPERATE AND MAINTAIN



EcoStruxure Power Monitoring Software
Power Monitoring Expert
Power SCADA Operation
Building Operation
Facility Advisor

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Operate with MicroLogic X control unit
Locally in the facility room

Status "at a glance"



Remote, continuous notifications
Track facility data, receive alerts in case of power events and schedule maintenance.

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Operate with your smartphone
Locally in the

EcoStruxure Power Device

Android iOS




Design Award Winner 2023



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