

Connected products and additional offers

Connected products

MasterPact MTZ



Product references



Optimized safety

- Faultless protection
- Complete selectivity and coordination (Type 1 & 2)
- High resistance to environmental stresses
- Integrated monitoring for energy efficiency

Circuit breakers up to 6300 A embedding advanced digital technologies

Part of Pact Series

The new worldwide benchmark for high current circuit breakers

Building on the legendary performance and reliability of the MasterPact™ range, MasterPact MTZ circuit breakers are Future Ready. Incorporating the latest digital and communication technologies, they are key components within Schneider Electric's Smart Panels, contributing to smart operation, power uptime, and energy efficiency.

MasterPact MTZ circuit breakers connect your electrical switchboard to any building and energy management system.

A simple smart phone can act as the main HMI to monitor and control MasterPact MTZ, giving you maximum convenience and ease of management, even in the event of a power outage. The MicroLogic X control units are customizable with additional digital modules available.

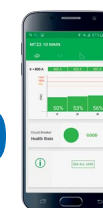
The standardization of electrical switchboards remains the same with MasterPact MTZ circuit breakers keeping the same size frames, standardized auxiliaries, and accessories, providing peace of mind for choice, installation, retrofit, and operation. Flexible and easy to install and operate.

Characteristics

- Rated current: 800 to 6300 A
- Breaking capacity: 42 to 150 kA at 220 / 415 V AC
- Voltage rating: up to 1000 V AC
- 3 physical sizes:
 - MasterPact MTZ1 from 630 to 1600 A;
 - MasterPact MTZ2 from 800 to 4000 A;
 - MasterPact MTZ3 from 4000 to 6300 A
- Draw out and fixed mount
- 3 pole and 4 pole construction
- Optimized selection of 4 advanced MicroLogic X control units integrating current, voltage, power and energy metering, enabling earth leakage protection, and customizable with digital modules for advanced protection, measurement, energy management and network analysis functions
- Built-in Class 1 accuracy active power and energy measurement
- Switch disconnectors version available
- Optimized range of field-installable auxiliaries and accessories
- Different offers complying with international standards: IEC 60947, UL489, ANSI / UL1066
- CCC, EAC and other local certifications
- Compliance with specifications of marine classification companies: Bureau Veritas, Lloyd's Register of Shipping, Det Norske Veritas, etc.

DIGITAL MODULE

Micrologic™ X control units



Protection: Energy Reduction Maintenance Settings, Ground-fault alarm, Under/Over voltage protection, Under/Over frequency protection, Reverse active power protection, IDTML overcurrent protection, Directional overcurrent protection.

Measurement: Energy per phase, Individual harmonics analysis.

Maintenance & Diagnostics: Power restoration assistant, MasterPact operation assistant, Wave form capture on trip event, Modbus legacy dataset, IEC 61850 for MasterPact MTZ.