

# ECOFIT™ for your LV Switchboard

MasterPact M08- M63 [Merlin Gerin]

Low voltage distribution

Achieve higher sustainable performance with ECOFIT™ modernization solution!



## Benefits

- Extend your switchgear lifetime.
- Digitization, enable access to asset and energy management.
- Reduced environmental impact
- Enhance your process dependability.
- Optimize your maintenance service costs & limits your investments.
- New ECOFIT™ spare parts availability.

### Maximize continuity of operation

- Life time extension for existing switchgear.
- Less downtime than with full panel replacement.
- Reduces plants shutdown time from days to hours.

### World class manufacturer design

- Original manufacturer tested solution.
- Worldwide support with manufacturer warranty.
- No change of cables and no civil work.
- Safety of people and surrounding equipment.
- Improve reliability and quality with compliance to new standards.

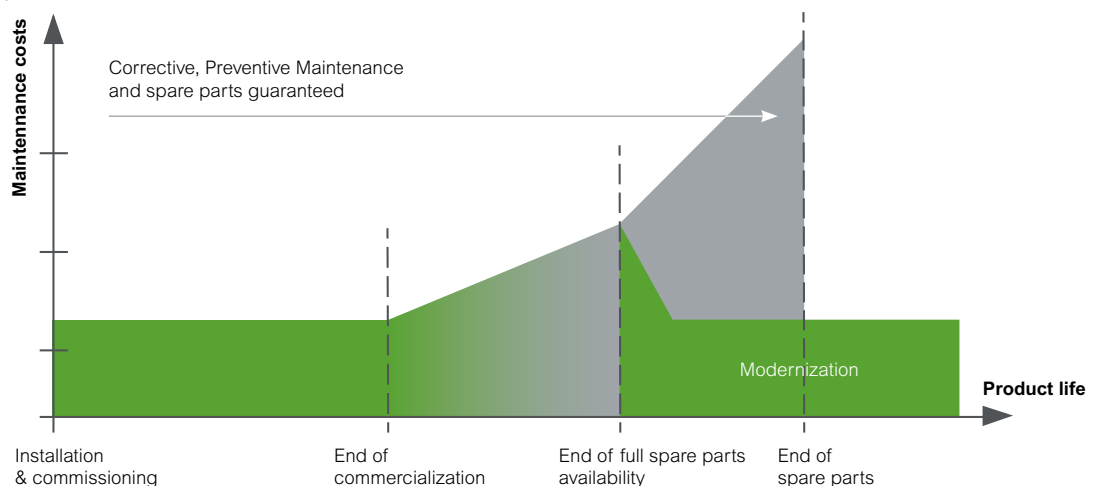
### Reduce environmental impact

- Access to energy management with digital products.
- Efficient use of natural resources by replacing only active components.
- Recycling of obsolete equipment (metals, plastics, SF6, etc).

### Schneider Electric team with you

- Worldwide support.
- Manufacturer expertise.
- Skilled installation and commissioning experts.

## Total Cost of Ownership evolution



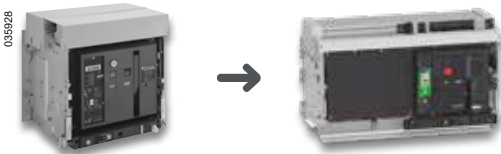
# MasterPact M08 - M63 with MasterPact MTZ2 08 - MTZ3 63

Original brand: Merlin Gerin

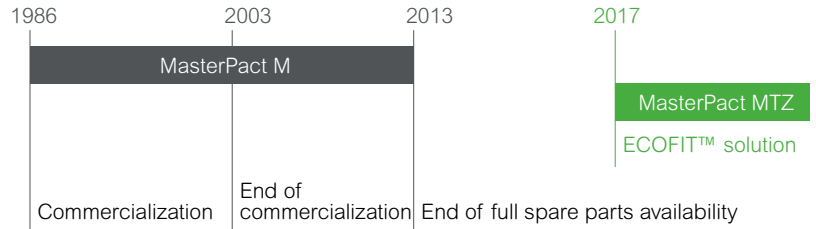
## ECOFIT™ proposal

MasterPact M  
Circuit Breaker

MasterPact MTZ  
Circuit Breaker



With ECOFIT™, a true extended life time



## Main technical characteristics

	MasterPact M08 - M63	MasterPact MTZ
Rated operational voltage (V AC 50/60 Hz) Ue	690V	690V
Rated current (A) In 40°C	800-6300A	800-6300A
Ultimate breaking capacity (kA rms, 220/415VAC 50/60Hz) Icu	40-150kA	42-150kA

## Asset Connect

Compatible with Ecostruxure smart sensors (available in 2020/2021)

- TH110: to monitor temperature of electrical connections (Busbar, CB arms, cables, windings)
- CL110: to monitor dew point and detect potential corrosion
- ARC FLASH: arc flash fault protection functionality enhances both people and property environment of care.

## MasterPact M ECOFIT™ solution

### Plug & Play

The ECOFIT™ MasterPact Plug & Play solution allows you to retrofit the latest generation of MasterPact MTZ circuit breakers in the existing MasterPact M chassis. Solution available for withdrawable type only, 3P & 4P, 800 A to 3200 A.



1 Removal



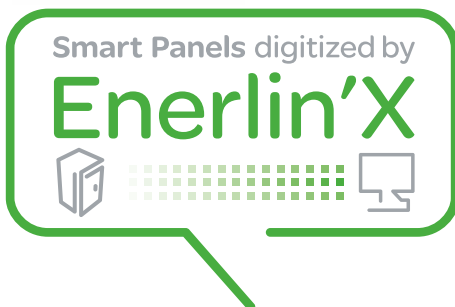
2 Replacement



### Masterkit

The ECOFIT™ Masterkit solution enables to benefit from all the enhanced features of MasterPact MTZ circuit breakers and accessories without modifying the busbars. It requires total shutdown of the installation to access the busbars.

Solution available for fixed and withdrawable types, 3P & 4P, 800A to 6300A.



## MasterPact MTZ with Micrologic X improves Enerlin'X digital system

By collecting circuit breaker and actuator status, electrical and counting values, Enerlin'X provides a simple and reliable access to local LCD displays and expert applications.

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Life Is On

