

Low

Voltage Distribution

ECOFIT™ Masterpact M*

To give a new life to your installations



- **Original brand:** Merlin Gerin
- **Version type:** fixed and withdrawable device compatible with all LV switchboard



A true extended life time

Without Ecofit

Commercialisation	End of commercialisation	End of life
1986	2003	2006

Timeline arrow from 1986 to 2006 labeled M08 to M63.

With Ecofit

Commercialisation	End of life
1986	2003
2004	Ongoing

Timeline arrow from 1986 to 2003 labeled Ecofit. Timeline arrow from 2004 to Masterpact NW labeled Ongoing.

Ecofit proposal - Main technical characteristics

Rated current (I _r)	M08 to M63								Rated Voltage (Un - 50/60 Hz)
	220 V	415 V	440 V	500 V	525 V	600 V	660 V	690 V	
800A to 6300A	40 to 150kA*			40 to 85kA*					

* Intensity short circuit (I_{sc})

Rated current (I _r)	Masterpact NW								Rated Voltage (Un - 50/60 Hz)
	220 V	415 V	440 V	500 V	525 V	600 V	660 V	690 V	
800A to 6300A	42 to 150kA*				42 to 130kA*			42 to 100kA*	

* Intensity short circuit (I_{sc})

ECOFIT™ Masterpact M / Associated offers

Specific spare parts

For any spare parts request for the fixe part, please contact your local correspondant.

Energy Management - Micrologic control units - Measurements and protections



Communication

- Identify the device.
- Indicate status conditions.
- Control the device (with the communicating auxiliaries).
- Setting of the protection and alarm functions.

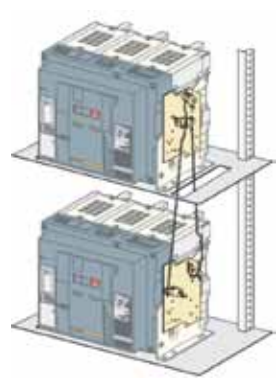
Micrologic	2	5	6	7
Type	A - E	A - E - P - H	A - E - P - H	A - P - H
Functions	Long time + instantaneous	Long time + short time + instantaneous	Long time + short time + instantaneous + earth fault	Long time + short time + instantaneous + earth leakage up to 3200A

A: Current measurements, fault indications, display and current maximeter.
Specificities: 6.0 provides earth fault protection (residual or Source Ground Return); 7.0 provides earth leakage protection.
E: A + Instantaneous measurement of power and energy without earth leakage protection.
P: A + Calculation of power and energy value, voltage measurement, and programmable protection
H: P + Harmonics

Source-changeover systems

Mechanical interlocking (2 types)

- Using connecting rods or using cables



Automatic controllers

- IVE: Electrical interlocking

- BA or UA automatic controllers



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