

ECOFIT™ for your MV Switchboard

ECOFIT™ is an economical complement to maintenance operations

Benefits



- Extends your switchgear's lifetime by more than 50%.
- Enhances your process dependability.
- Optimizes your maintenance service costs & limits your investments.
- Maintains compliance with evolving standards and legislation without approval procedure.
- Ensures the safety of your personnel and surrounding equipment by using the latest technology.
- Access to Energy Management with Protection Relays upgrade.
- Easy access to spare parts thanks to ECOFIT™ new solution.

Economical winning card



Ecological winning card



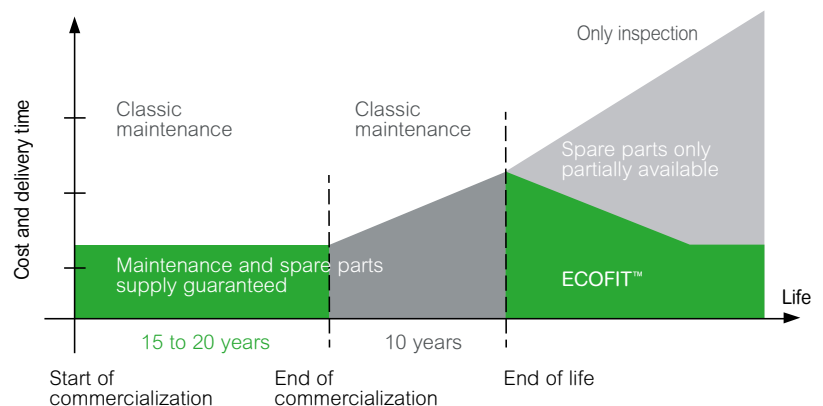
Peace of mind

- Life time extension for existing switchgear.
- Less downtime than with full panel replacement.
- Reduces infrastructure downtime from days to minutes.

- Limited parts' replacement need.
- Optimized service and infrastructure costs.
- Reduction in recycling costs.

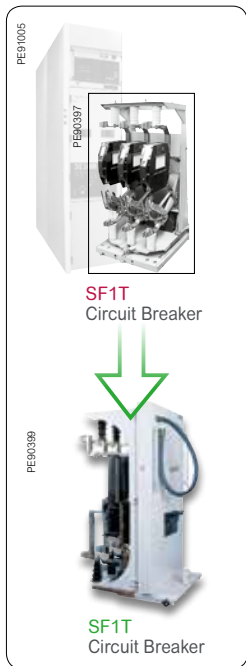
- Tested solution.
- Engineered solution with manufacturer's warranty.
- Less risk because no cable changes and no civil footprint changes.
- Safety of people and surrounding equipment.
- Enhances availability and dependability by reducing CB failures.

Product life cycle



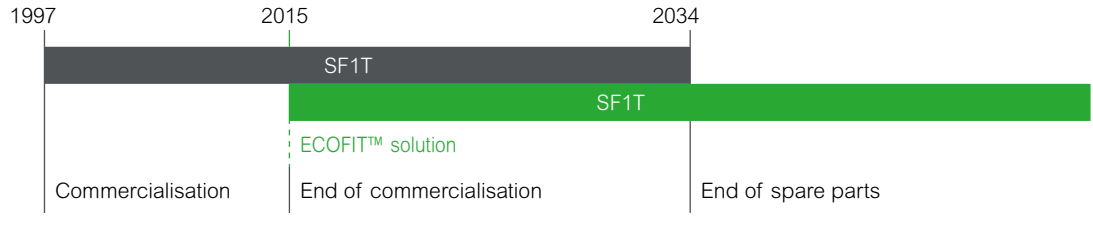
MC500/ SF1T by SF1T

Original brand: Merlin Gerin



ECOFIT™ proposal

With ECOFIT™, a true extended life time



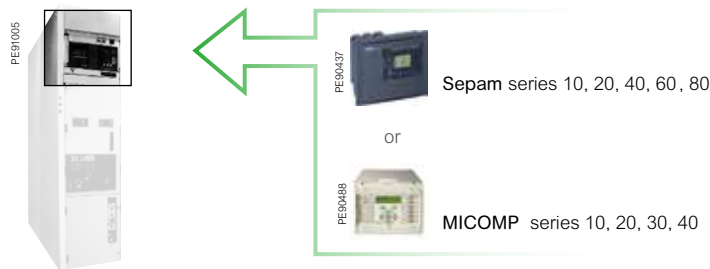
Main technical characteristics

	SF1T
Rated current (Ir)	1250-4000 A
Short circuit current (Isc)	12.5-16.5 kA
Rated voltage Un (50/60 Hz)	24kV

	SF1T	SF1T
Technology	SF6	Switching sequence
Rated voltage Ur (kV)	24	O-3 min-CO-3 min-CO O-0.3 s-CO-15 s-CO O-0.3 s-CO-3 min-CO
Surge withstand voltage Up (kV)	125	Closing time (ms)
Nominal frequency (Hz)	50-60	70
Rated current Ir (A)	1250-4000	Opening time (ms)
Short circuit current Isc (kA)	12.5 - 16.5	50
Short circuit duration Tk (s)	1	Number of switching operations
		10.000
		Service temperature (°C)
		-5/+40

Offer extension

Energy management: replacement of the old protection relay (Schneider Electric or competitors)



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