

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



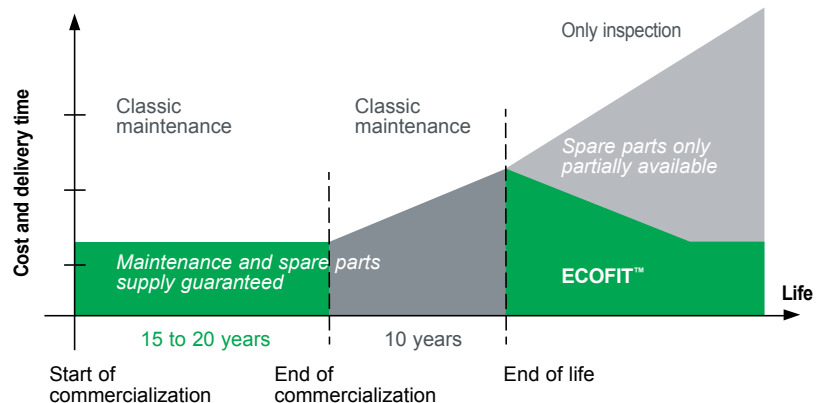
Peace of mind

- 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.

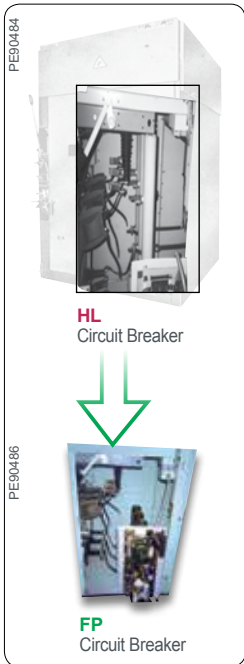
- Tested solution.
- Engineered solution with manufacturer's warranty.
- Less risk because no cable changes and no civil footprint changes.
- Safety of people and surrounding equipment.
- Enhances availability and dependability by reducing CB failures.

Product life cycle



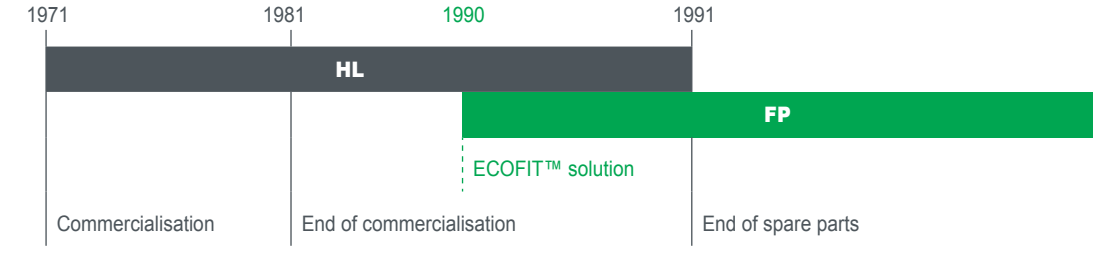
Normasept N743 / HL by FP

Original brand: **Delle Alsthom**



ECOFIT™ proposal

With ECOFIT™, a true extended life time



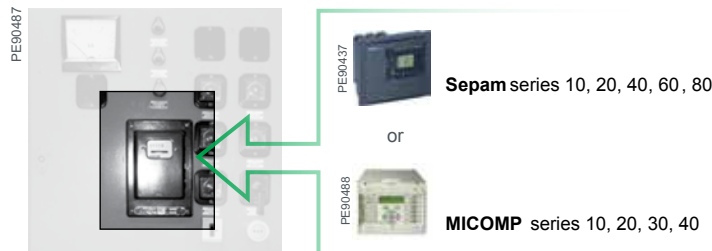
Main technical characteristics

	HL
Rated current (Ir)	400-630 A
Short circuit current (Isc)	12.5 - 14.5 kA
Rated voltage Un (50/60 Hz)	24kV

	FP		FP
Technology	SF6	Switching sequence	O-3min-CO-3min-CO CO-15s-CO O-0.3s-CO-3min-CO
Rated voltage Ur (kV)	24	Closing time (ms)	50
Surge withstand voltage Up (kV)	75	Opening time (ms)	70
Nominal frequency (Hz)	50-60	Number of switching operations	10.000
Rated current Ir (A)	400-3150	Service temperature (°C)	-25/+40
Short circuit current Isc (kA)	16-40		
Short circuit duration Tk (s)	3		

Offer extension

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



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Schneider Electric Industries SAS

35, rue Joseph Monier
CS 30323
F-92505 Rueil-Malmaison cedex (France)
Tel.: +33(0)1 41 29 70 00
RCS Nanterre 954 503 439
Capital social 896 313 776 €
www.schneider-electric.com

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