

ECOFIT™ for your MV Switchboard

DNF5 - DNF5-2B / FP [CEM, Delle-Alsthom, GEC-ALSTHOM]

Medium 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.

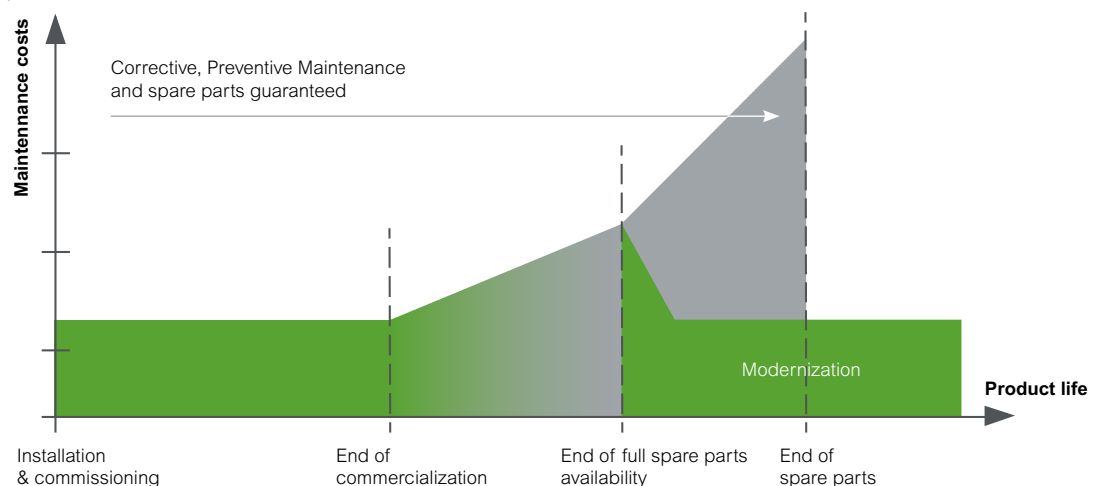
Reduce environmental impact

- 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.

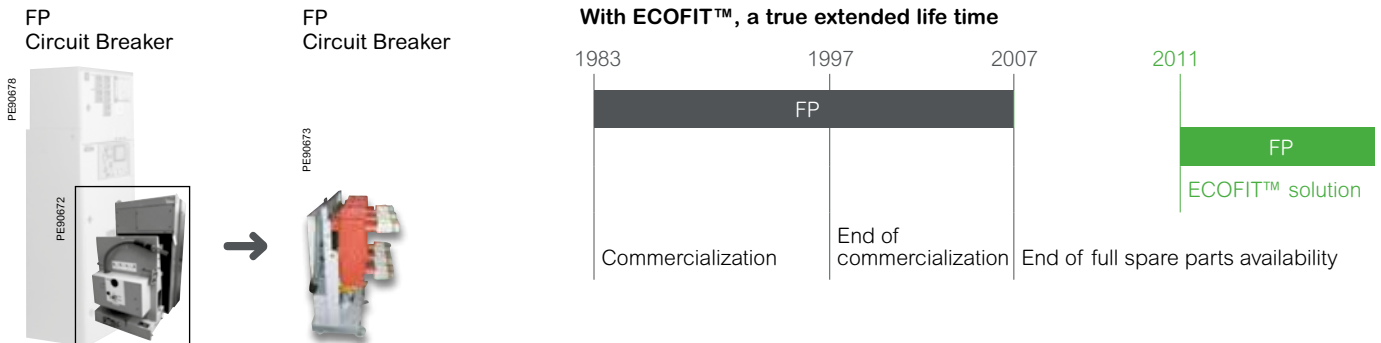
Total Cost of Ownership evolution



DNF5 - DNF5-2B / FP with FP

Original brand: CEM, Delle-Alsthom, GEC-ALSTHOM

ECOFIT™ proposal



Main technical characteristics

FP	
Rated current (I _r)	630-2000 A
Short circuit current (I _{sc})	40 kA
Rated voltage U _n (50/60 Hz)	17.5 kV

FP	
Technology	SF6
Rated voltage U _r (kV)	17.5
Surge withstand voltage U _p (kV)	75
Nominal frequency (Hz)	50-60
Rated current I _r (A)	400-3150
Short circuit current I _{sc} (kA)	16-40
Short circuit duration T _k (s)	3

FP	
Switching sequence	O-3 min-CO-3 min-CO CO-15s-CO O-0.3 s-CO-3 min-CO
Closing time (ms)	50
Opening time (ms)	70
Number of switching operations	10 000
Service temperature (°C)	-5/+40

Additional offer

- SF6 recycling: think about the environment and comply with regulations and policies. We offer a complete solution to take-back and recycle your obsolete MV equipment, including the SF6 gas. [Consult us!](#)
- Improve energy and asset management: replacement of old protection relay with digital and connected relay.



Schneider Electric Industries SAS
 35 rue Joseph Monier
 92500 Rueil-Malmaison, France
 Phone: + 00 (0) 1 41 29 70 00
www.schneider-electric.com

