

ECOFIT™ for your MV Switchboard

Normaclad PX 12 / GFX [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.

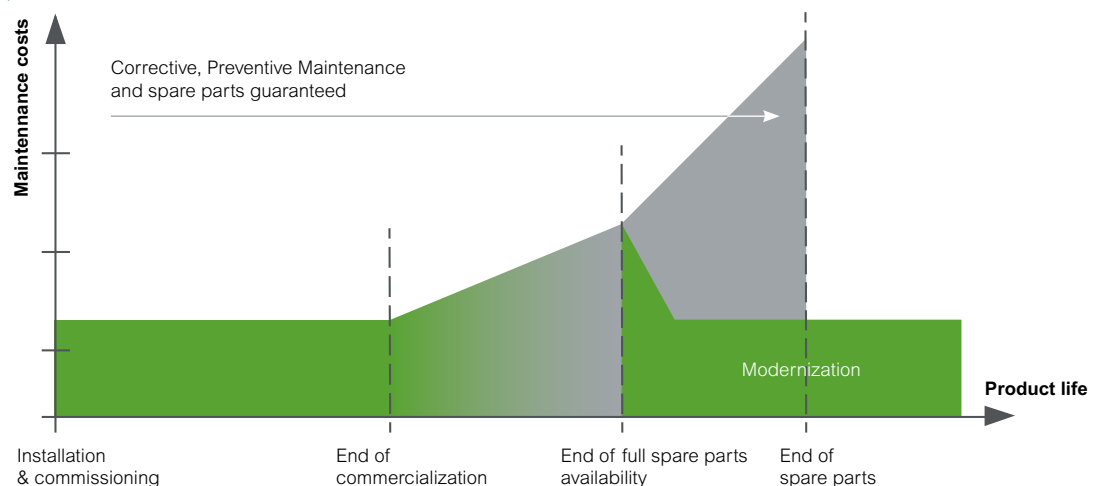
Reduce environmental impact

- 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



Normaclad PX12 / GFX by GFX

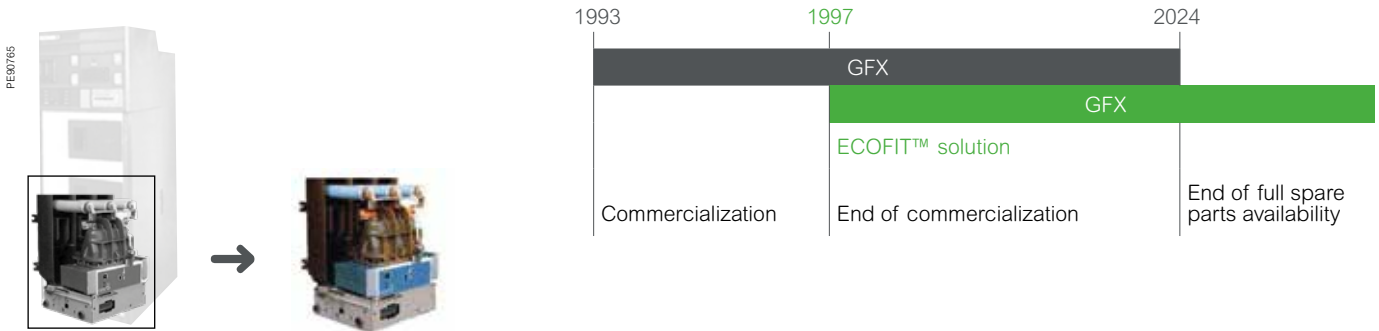
Original brand: GEC-ALSTHOM

ECOFIT™ proposal

GFX contactor

GFX contactor

With ECOFIT™, a true extended life time



Main technical characteristics

GFX	
Rated current (Ir)	Up to 400 A
Short circuit current (Isc)	6 - 10 kA without fuse / 31.5 - 50 kA with fuse
Rated voltage Un (50/60 Hz)	7.2 - 12 kV

GFX	
Technology	SF6
Rated voltage Ur (kV)	7.2-12
Surge withstand voltage Up (kV)	60 @ 7.2 75 @ 12
Nominal frequency (Hz)	50-60
Rated current Ir (A)	400
Short circuit current Isc (kA)	6 - 10 without fuse 31.5 - 50 without fuse
Short circuit duration Tk (s)	1

GFX	
Switching sequence	
Closing time (ms)	90 - 130
Opening time (ms)	< 50 (magnetic hold) < 30 (mechanical hold)
Number of switching operations	300 000 C/O magnetic hold 50 000 C/O latch-in 600 operations per hour
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

Life Is On

Schneider Electric