

ECOFIT™ for your MV Switchboard

PIX SF6 / GFX - FPX [ALSTOM, AREVA, Schneider Electric]

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.

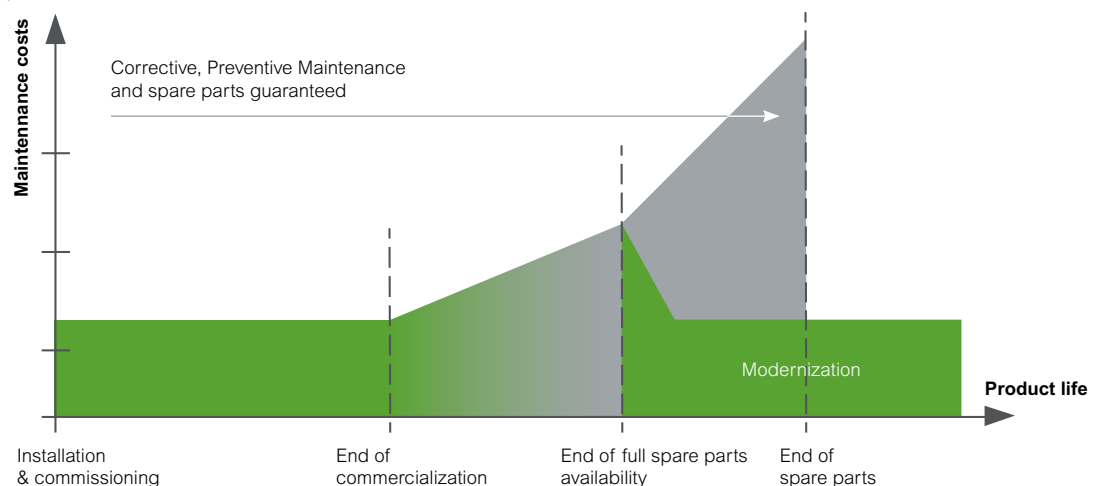
Reduce environmental impact

- 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

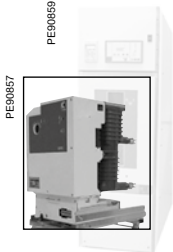


PIX SF6 / GFX - FPX with GFX - FPX

Original brand: ALSTOM, AREVA, Schneider Electric

ECOFIT™ proposal

FPX Circuit Breaker, GFX Contactor



FPX Circuit Breaker, GFX Contactor



With ECOFIT™, a true extended life time



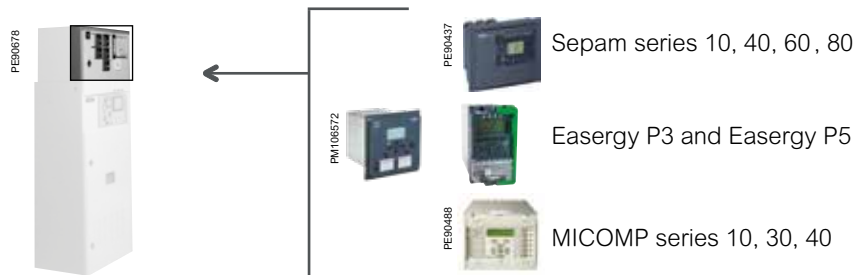
Main technical characteristics

	FPX				GFX	
Rated current (Ir)	Up to 3150 A				Up to 2500 A	Up to 2500 A
Short circuit current (Isc)	40 kA				31.5 kA	31.5 kA
Rated voltage Un (50/60 Hz)	12 kV				17.5 kV	24 kV
						400 A
						6 - 10 kA
						7.2-12 kV

	FPX		GFX			FPX	GFX
Technology	SF6	SF6	SF6	SF6	Switching sequence	O-3mn-CO-3mn-CO	CO-0.3s-CO-15s-CO
Rated voltage Ur (kV)	12	17.5	24	7.2-12		O-0.3s-CO-3mn-CO	
Surge withstand voltage Up (kV)	75	95	125	60 @ 7.2kV 75 @ 12kV	Closing time (ms)	50	90-130
Nominal frequency (Hz)	50-60	50-60	50-60	50-60	Opening time (ms)	50	< 50 (magnetic hold) < 30 (mechanical hold)
Rated current Ir (A)	Up to 3150	Up to 2500	Up to 2500	400	Number of switching operations	10000	300000 (magnetic hold) 50000 latch-in 600 operations per hour
Short circuit current Isc (kA)	Up to 40	Up to 31.5	Up to 31.5	6-10 without fuse 31.5-50 with fuse	Service temperature (°C)	-5/+40	-5/+40
Short circuit duration Tk (s)	3	3	3	1			

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.



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Life Is On

