

# ECOFIT™ for your MV Switchboard

VISAX / BLV [GEC-ALSTHOM, 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.

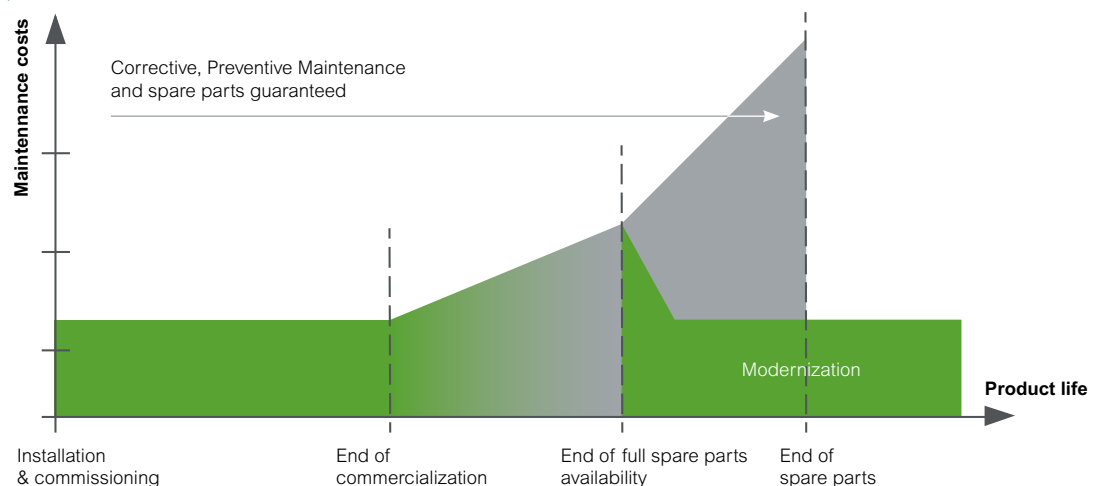
### Reduce environmental impact

- 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.

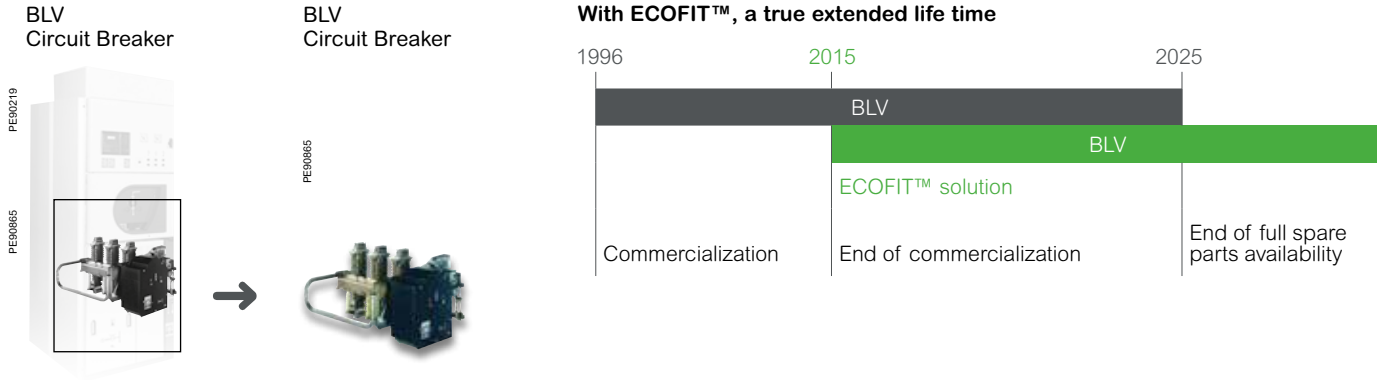
## Total Cost of Ownership evolution



# VISAX / BLV with BLV

Original brand: GEC-ALSTHOM, ALSTOM, AREVA, Schneider Electric

## ECOFIT™ proposal



## Main technical characteristics

	BLV			
Rated current (Ir)	400-1250 A	400-1250 A	400-1250 A	400-1250 A
Short circuit current (Isc)	16-40 kA	16-40 kA	16-40 kA	16-31.5 kA
Rated voltage Un (50/60 Hz)	7.2 kV	12 kV	17.5 kV	24 kV

	BLV			
Technology	Vacuum	Vacuum	Vacuum	Vacuum
Rated voltage Ur (kV)	7.2	12	17.5	24
Surge withstand voltage Up (kV)	125	125	125	125
Nominal frequency (Hz)	50-60	50-60	50-60	50-60
Rated current Ir (A)	400-2500	400-2500	400-2500	400-2500
Short circuit current Isc (kA)	16-40	16-40	16-40	16-31.5
Short circuit duration Tk (s)	3	3	3	3

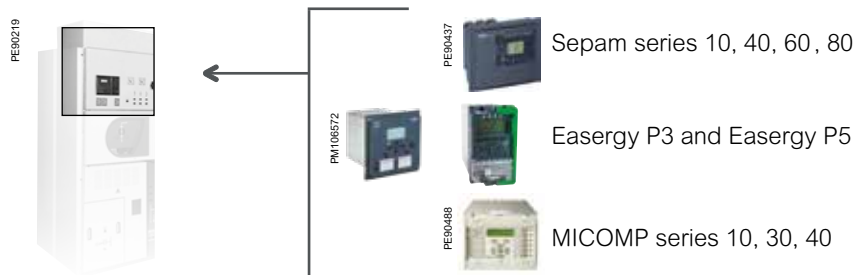
  

	BLV
Switching sequence	O-3mn-CO-3mn-CO O-0.3s-CO-3mn-CO O-0.3s-CO-15s-CO
Closing time (ms)	50
Opening time (ms)	40
Number of switching operations	10000
Service temperature (°C)	-5/+40, -25 on demand

Note: vacuum solutions may require overvoltage protections.

## Additional offer

- Improve energy and asset management: replacement of old protection relay with digital and connected relay.



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Life Is On

