

ECOFIT™ for your MV Switchboard

WBD panel [AEG, 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.

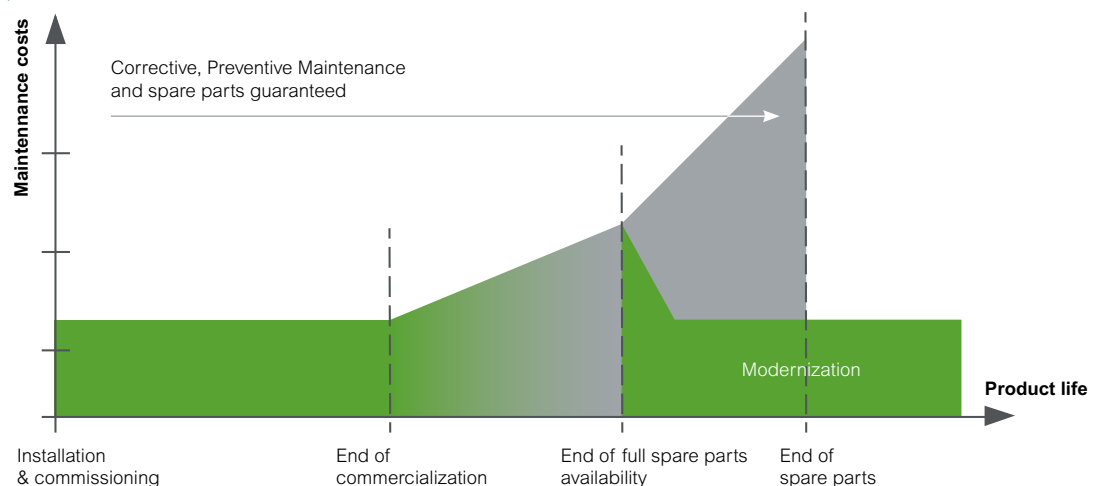
Reduce environmental impact

- 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



WBD panel with WBD panel

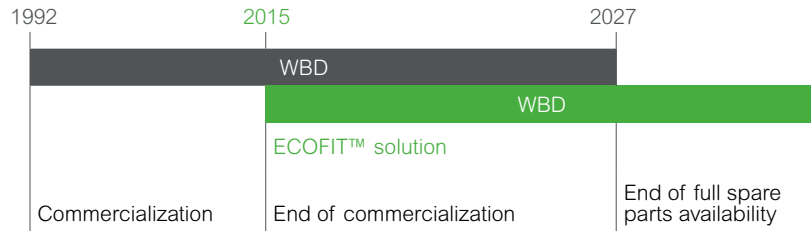
Original brand: AEG, ALSTOM, AREVA, Schneider Electric

ECOFIT™ proposal for panel extension or replacement

WBD



With ECOFIT™, a true extended life time



Main technical characteristics

	WBD
Rated current (I _r)	630-3150 A
Short circuit current (I _{sc})	80 kA
Rated voltage U _n (50/60 Hz)	12 kV

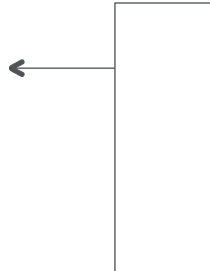
	WBD
Rated insulation level (kV)	12
Rated power frequency withstand voltage/1mn (kVrms)	28
Lightning impulse withstand voltage (peak value) (kVp)	80
Overall dimensions (w x h x d) (mm)	600, 800 x 3000 x 1750

	WBD
Rated current of busbar (A)	630-3150*
Rated short time withstand current (4s) (kA)	80
Internal Arc Classification (1s) (AFLR)	PEHLA 31.5 kA
Ingress Protection degree (IP)	IP 2X even for open door and modul in disconnecting position, IP 3X to the busbar, outside IP 52 possible

* With forced cooling (on request)

Additional offer

- Remote racking available for higher operator safety
- Improve energy and asset management: replacement of old protection relay with digital and connected relay.



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Life Is On

