ECOFIT™ for your MV Switchboard

ECOFIT™ is an economical complement to maintenance operations

Benefits

- Extends your switchgear’s lifetime by more than 50%.
- Enhances your process dependability.
- Optimizes your maintenance service costs & limits your investments.
- Maintains compliance with evolving standards and legislation without approval procedure.
- Ensures the safety of your personnel and surrounding equipment by using the latest technology.
- Access to Energy Management with Protection Relays upgrade.
- Easy access to spare parts thanks to ECOFIT™ new solution.

Economical winning card + Ecological winning card = Peace of mind

- Life time extension for existing switchgear.
- Less downtime than with full panel replacement.
- Reduces infrastructure downtime from days to minutes.
- Limited parts’ replacement need.
- Optimized service and infrastructure costs.
- Reduction in recycling costs.

- Tested solution.
- Engineered solution with manufacturer’s warranty.
- Less risk because no cable changes and no civil footprint changes.
- Safety of people and surrounding equipment.
- Enhances availability and dependability by reducing CB failures.

Product life cycle

- Cost and delivery time
- Start of commercialization
- End of commercialization
- Maintenance and spare parts supply guaranteed
- Classic maintenance
- ECOFIT™
- Only inspection
- End of life
- Spare parts only partially available

Spare parts only partially available

ECOFIT™

Life
Medium Voltage Distribution

Normasept N743 / HL by FP
Original brand: Delle Alsthom

ECOFIT™ proposal

With ECOFIT™, a true extended life time

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<tbody>
<tr>
<td>HL</td>
<td>FP</td>
<td>ECOFIT™ solution</td>
<td>FP</td>
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Commercialisation | End of commercialisation | End of spare parts

Main technical characteristics

<table>
<thead>
<tr>
<th>HL</th>
<th>FP</th>
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<tbody>
<tr>
<td>Rated current (Ir)</td>
<td>400-630 A</td>
</tr>
<tr>
<td>Short circuit current (Isc)</td>
<td>12.5-14.5 kA</td>
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<tr>
<td>Rated voltage Un (50/60 Hz)</td>
<td>24 kV</td>
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</tbody>
</table>

| Technology | SF6 |
| Rated voltage Un (kV) | 24 |
| Surge withstand voltage Up (kV) | 75 |
| Nominal frequency (Hz) | 50-60 |
| Rated current Ir (A) | 400-3150 |
| Short circuit current Isc (kA) | 16-40 |
| Short circuit duration Tk (s) | 3 |
| Switching sequence | O-3 min-CO-3 min-CO |
| Closing time (ms) | 50 |
| Opening time (ms) | 70 |
| Number of switching operations | 10000 |
| Service temperature (°C) | -25/+40 |

Offer extension

Energy management: replacement of the old protection relay (Schneider Electric or competitors)

PE90437 Sepam series 10, 20, 40, 60, 80

PE90488 PE90486

PE90484 PE90485

HL Circuit Breaker

FP Circuit Breaker

Discover more about Schneider Electric electrical distribution services. Log on to: www.schneider-electric.com/electricaldistributionservices today!