Retrofitting

Solutions for obsolete Enel DY 501/1 medium voltage circuit breakers in accordance with new Enel DY525 specification

Safety and Reliability
- Strong fault risk reduction and significant life time extension
- Lower maintenance requirements and long time availability of spare parts

Optimize your investment
- Limited capital investment
- Minimization of further maintenance costs
- Warranty on the retrofitting work

Protect your assets
- Latest generation solution designed according to IEC 62271-100 Standard
- Short implementation time for replacement with minimum shutdown

Circuit breaker retrofit is a cost-effective alternative to the complete switchgear replacement. Retrofitting is performed by replacing phased out devices with circuit breakers from the current production range specifically designed to mechanically and electrically adapt to the existing models in the plant. The result is substantial improvement in reliability, safety, maintenance and performance.

ABB Service experts conduct on-site audits on existing installations to assess the condition of the equipment, recommend the most suitable solution and technically support the most appropriate investment.

ABB Service is a complete system provider of retrofitting solutions, from proposal to design, through manufacturing, testing and finally installation and commissioning.

The circuit-breakers approved in accordance with the Enel DY 501/1 specification built in the past are currently in the obsolete phase of life. SFAU is the name of a family of ABB SF₆ gas circuit-breakers approved according to DY 501/1. These were made in fixed execution for installation in medium voltage open air applications.
Technical data

ABB offers a full range of retrofit solutions approved in accordance with the new Enel DY525 technical specification, based on current ABB vacuum circuit breakers with front springs operating mechanism, suitable for indoor installation, in fixed execution with the power part rigidly connected by bolts to the busbar system of the switchboard and to the power cables.

Options

- **MySiteCare** monitoring and diagnostic
- **MyRemoteCare** cloud based services
- **Power Care** customer support agreement

For more information please contact:

- More product information: abb.com/mediumvoltage
- Your contact center: abb.com/contactcenters
- More service information: abb.com/service

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