

Relay retrofit

Replacement of any old protection relay with innovative, modern relay

Targeting reliable and smooth relay retrofits, ABB offers different relay retrofit solutions for replacement of protection and control relays.

ABB's relay retrofit solutions offer smooth and controlled replacement of existing protection relays with the latest protection and control technology. The result is extended switchgear lifetime, full availability of relay life cycle services, and the possibility to adapt the power protection system to meet new requirements.

The offering is typically based on the use of protection and control relays from the Relion® product family as replacement devices.

ABB offers following to meet your needs:

- Replacement of complete metering box or metering door with latest design
- New comprehensive numerical relays with latest technology
- New switches, meters & indication lamps along with new wiring

Benefits

- Extended switchgear lifetime with new protection relay and technology
- Assured, future availability of lifecycle services
- Enhanced personnel safety with access to the latest protection and control functionality
- Offers substantial savings in time and resources with a very fast and structured replacement process
- Optional built-in arc fault protection enhances personnel safety



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01
Before retrofitting
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02
After retrofitting

	Module A	Module B	Module C
Description	Relay retrofit with replicated metering box	Relay retrofit with replicated door	Relay retrofit with cover plates
1 Latest ABB make protection relays suitable for SCADA application	Yes	Yes	Yes
2 Replacement of auxiliary relays, meters, Indication lamps, TTB etc	Yes	Yes for auxiliary relays & devices mounted on door	No
3 Replacement of terminal block, AC / DC switches, fuses, PVC channels, toggle switches, MCBs etc.	Yes	No	No
4 Aesthetic	Best	Best	Good
5 Installation time (approx)	6 hours	6-8 hours	8-10 hours



01



02