

# Life cycle services for distribution protection and control relays

## Post-manufacturing



Customer support throughout the entire product life cycle.

Did you know that it is possible to order older protection relay versions?

**ABB's post-manufacturing service covers a wide variety of protection relays, making it possible to order relay versions as old as up to 40 years.**

### **Extended switchgear lifetime with one-to-one replacement**

Even the most durable and reliable electronic device is subject to aging and will therefore eventually reach the end of its life cycle. When this happens to the protection relay but the existing protection functionality is still sufficient, replacing all relays with new ones of the same type may prove to be the best choice.

One-to-one replacement is a cost-effective way to extend the switchgear lifetime. Installation is fast and easy as no new wiring is required and the new relay fits into the existing panel cutout.

The same is true for commissioning, as the existing configuration can be conveniently uploaded to the new relay and the existing documentation such as circuit diagrams can be used.

The post-manufactured relays can also be ordered as spare devices to secure the most critical processes.

### **Cost-effective and easy cubicle extension**

Post-manufactured relays are also ideal for extension cubicles. Cubicle design and commissioning are fast and easy, as the existing circuit diagrams, parameters and relay configurations can be used.

The post-manufacturing service also makes cubicle extension possible when a newer version of the relay wouldn't be compatible with the existing communication standard.



#### Benefits

- Increased personnel safety with familiar, identical relay
- Secured critical processes with availability of postmanufactured relays as spare devices
- Extended lifetime of protection solution with availability of older relay versions
- Extended switchgear lifetime with one-to-one replacements
- Cost-effective and easy cubicle extension
- Minimized downtime with fast and easy installation and commissioning due to no new wiring or configuring
- Minimized planning, installation, commissioning and training costs
- Minimized operation costs with harmonized installed base

#### Additional information

For more information, please contact your local ABB representative or visit our website at:  
[www.abb.com/service](http://www.abb.com/service)  
[www.abb.com/mediumvoltage](http://www.abb.com/mediumvoltage)



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