

# PROTECTION RELAY PANELS

## DOES YOUR FACILITY HAVE AGING ELECTROMECHANICAL RELAYS?

Most electromechanical components are quickly becoming obsolete. If you need help upgrading equipment, inoLECT offers turn-key Relay Retrofit and installation packages, customized to your specific needs.

Our highly trained technicians oversee your project from start to finish and deliver a complete, installed product with all necessary wiring diagrams and documents. Assembly, wiring and testing is done at our facility to reduce your downtime – then delivered onsite and installed. Our team is knowledgeable in the installation and testing of all major brands of relays.

We perform startup test reports and function check reports onsite. All retrofit installs are tested and verified to ensure an accurate working system is in place. Customers receive complete documentation containing text description of relay operation, time current curves, settings sheets and all modified drawings.



### Applications

- Generator Protection
- Line Protection
- Transformer Protection
- Bus Protection
- Breaker Protection
- Motor Protection
- Switchgear Protection

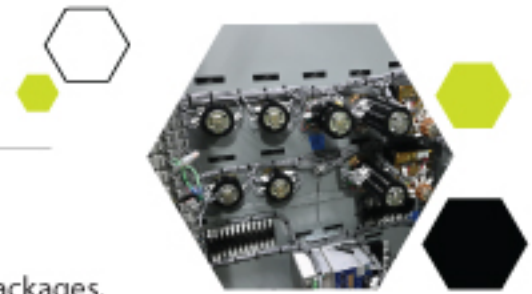
### Deliverables

- Our experts are trained on installation and testing of relays from all major brands.
- Our team of qualified engineers are experienced in design, layout and specification. Engineers are onsite to complete the job as quickly and efficiently as possible.
- Assembly, wiring and testing is done at our facility to reduce your downtime.
- We perform a detailed test plan in advance to maximize onsite efficiency and drive testing standardization. Startup Test Reports and Function Test Reports are performed onsite for all protective relay functions.
- Job Books are created and contain management summary, text description of relay operation, time current curves, setting sheets and all modified drawings.



**All Retrofit installs are tested & verified to ensure a complete working system is provided.**





## Engineering to Installation:

We deliver stand-alone device retrofits & complete, customized turnkey packages.

Assembly in Shop



- Full panel assembly and point-to-point wiring is performed in inoLECT's shop. Complete quality check of completed panels includes verification of full components, mounting hardware and wiring tightness. Checks are performed on relay programming and full testing is done on all elements and outputs in the relays.

Demolition/Installation



- Demolition is done on all existing equipment and area cleanup is performed. New equipment and wiring is installed. Site construction support for the control house is provided to support any modifications needed to accept the newly designed protection panels.

Finished Project



- After the installation phase is finished, complete wiring checks and full function checks are performed again, once the equipment is energized, per control schematics. Onsite energization and customer support is provided.

Protection Retrofit Packages are just one of the many Electrical Power System Solutions we offer that help you maintain a safe, reliable and cost-efficient facility.



FOR DETAILS VISIT: [inolect.com/page/relay-retrofits/](https://inolect.com/page/relay-retrofits/)



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