

Digital Fault Recorder Cabinet System

Installation Options

AMETEK Power Instruments Digital Fault Recorders (DFRs) are the only Intelligent Electronic Device (IED) you need to capture and diagnose power system anomalies. With multiple recording modes and continuous transient oscillography, you will never miss an event. To better ensure this, we will meet all your DFR needs by customizing and packaging them in unique enclosures that exceed your rack space requirements.

We've designed our TR-3000, DR-300 and TR-2200 Digital Fault Recorders to be mounted into an existing 19" rack and given them the ability to be incorporated into a variety of free-standing cabinet systems. We can customize a 19" rack cabinet system, delivering a turnkey solution that minimizes engineering efforts for the utility and field service personnel and provides a timely installation and commissioning for your DFR solution.

Our expert engineers will design, customize and create CAD drawings of the cabinet to your specifications, standards and approvals. Our factory certified technicians will then professionally assemble the cabinet including the installation of associated wiring; hardware components including the DFRs; external power supplies; terminal blocks; test switches; current transformers; shunts; modems and analog and digital inputs. They will install, configure and test the complete DFR solution.

Cabinets and Racks

We source pre-fabricated sheet steel modular 19" cabinets from leading manufacturers with customizable options available. The modular cabinets and racks can come in a variety of sizes to best fit your height, depth or width requirements. Some additional options include front and rear doors, viewing doors, additional panels for structural strength and cooling and lighting packages.

Configurability

Whether choosing a standalone AMETEK Power Instruments DFR or one of our customized 19" cabinet or rack systems, you can rely on us to deliver a complete, quality-built DFR and cabinet solution that is designed to meet your requirements.



Rittal Cabinet with TR-2200.

FEATURES AND BENEFITS

1

Customized, unique enclosures for your Digital Fault Recorders

2

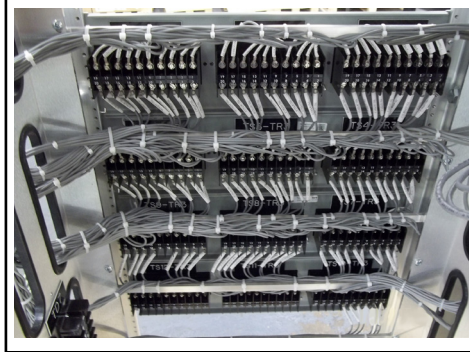
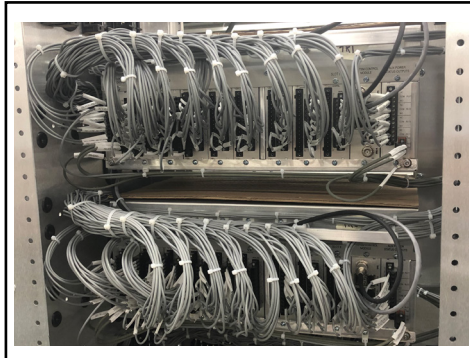
Offering turnkey solutions that provide a timely installation

3

Full installation by our factory certified technicians



Double Lucasey Rack with TR-3000 Digital Fault Recorder and ABB FT-19R test switches.



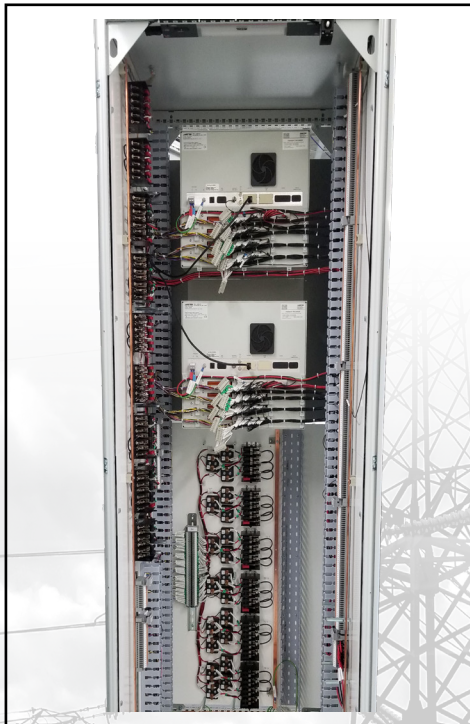
Rear view of Lucasey Rack wiring with TR-3000 and ABB FT-19R test switches.



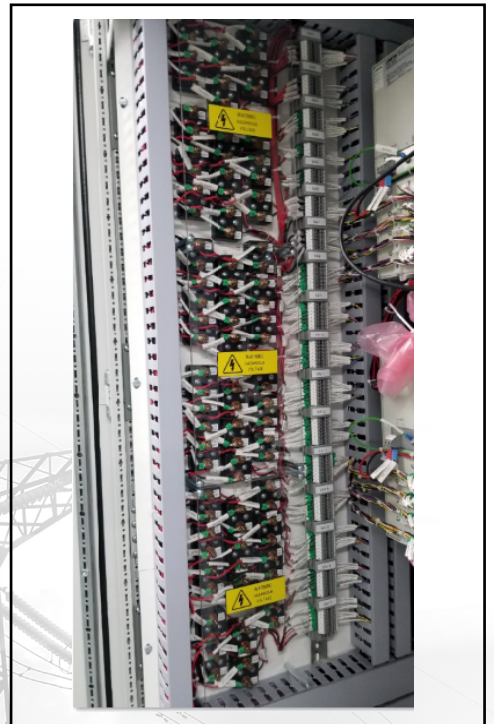
Rear view of Lucasey Rack with TR-3000, ABB FT-19R test switches and GE EB-25 terminal blocks.



Single Lucasey Rack with TR-2200 and ABB FT-19R test switches.



Rear view of Rittal Cabinet wiring with TR-2200, States MTS Switches and Phoenix terminal blocks.



Rittal Cabinet wiring with Phoenix terminal blocks and AMETEK Current Shunts.

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