

Feeder protection relay



iDP-210 feeder protection relay provides unsurpassed flexibility

Eaton's Cooper Power™ series exclusive Idea™ Workbench™, Virtual Test Set™ and Relay-Replay™ features provide software functionality and unsurpassed flexibility for tailoring the relay. The Idea Workbench feature embedded within the ProView™ software provides a viewable logic programming environment for easy, intuitive customization.

Your comprehensive distribution and control protection solution

The iDP-210 relay offers comprehensive protection of your distribution circuits through directional overcurrent with automatic reclosing.

Extensive feature set protects distribution circuits

The iDP-210 relay delivers comprehensive system protection with tools for system monitoring and event analysis. Improve power system stability with the relay's harmonic metering, load encroachment logic and underfrequency. The advanced power quality monitoring, metering, communication and programmable logic capabilities make the iDP-210 ideal for automation applications.

Dual-port Ethernet capability allows the relay to be easily integrated into automation systems that use Energy Management System (EMS) and SCADA systems.

The iDP-210 relay contains a waveform recognition algorithm that recognizes the unique characteristics of self-clearing faults and gives advance notice of incipient cable splice failures—permitting cable maintenance to be scheduled rather than addressed on an emergency basis.

Suited for a variety of applications

The iDP-210 relay is designed for feeder protection, reclosing, synch-check, frequency-based load shedding, reverse power, overcurrent, and under/over voltage and frequency.

Get the right solution to improve reliability

Eaton's Edison™ Idea family of relays offers inherent communications options that improve reliability. Eaton can provide protective relays for a wide range of applications, including distribution feeders, transformers, transmission lines and capacitor bank protection. Our experienced relay engineers are available to provide application support when you need it.



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