

# iXP-420 Transformer Protection Relay

## Unmatched Flexibility for Custom Application Solutions



### Your Comprehensive Transformer Control, Protection, and Monitoring Solution

Designed for comprehensive transformer protection, the iXP-420 relay offers unsurpassed flexibility with Cooper's exclusive Idea Workbench™, Virtual Test Set™, and Relay Replay™ software functionality. The Idea Workbench™ software functionality features within the ProView™ software provide a viewable logic programming environment for easy, intuitive customization of the relay.

#### Enhance Transformer Protection and Distribution Automation Systems

- The iXP-420 relay provides protection of two winding transformers primarily by current differential and harmonic blocking. The advanced power quality monitoring, metering, communication, and PLC capabilities are ideal for automation applications. The dual port Ethernet capability easily integrates into automation systems that use EMS and SCADA systems.

#### Ideal for Many Applications

- The iXP-420 relay is well suited for applications that include transformer differential and transformer backup protection, restricted earth fault protection, bus differential protection, bus backup protection, multiple feeder frequency-based load shedding, restoration schemes, and over/under voltage protection.

#### Get the Right Solution to Improve Reliability

- The Edison® Idea™ family of relays offers inherent communications options that improve reliability. Cooper 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.



**For more information, visit our Web site at [www.cooperpower.com](http://www.cooperpower.com), contact your Cooper Power Systems sales engineer, or call 877-CPS-INFO.**

Edison® is a registered trademark of Cooper Power Systems, Inc., or its affiliates. Idea™, Idea Workbench™, Virtual Test Set™, Relay Replay™ and ProView™ are trademarks of Cooper Power Systems, Inc., or its affiliates.

©2007 Cooper Power Systems, Inc., or its affiliates.

**COOPER** Power Systems  
Energy Automation Solutions

1045 Hickory Street  
Pewaukee, WI 53072 USA  
[www.cooperpower.com](http://www.cooperpower.com)

Bulletin B165-06048 • March 2007 • New Issue