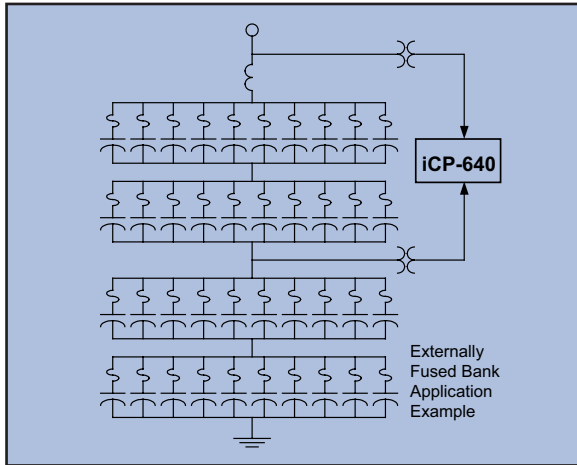


iCP-640 Capacitor Bank Protection Relay

Ample Sensitivity to Detect Unit Failures in Larger Banks



Your Solution for Shunt Capacitor or Filter Bank Protection and Control

The iCP-640 relay monitors capacitor performance by checking the voltage differential quantity of single or double wye, fuseless or externally fused grounded banks. To optimize protection margins, this relay has the intelligence to track self-canceling failures found in double-wye banks or single-wye banks with mid-point taps.

Exclusive Cooper features and functions, including the Idea Workbench™, Virtual Test Set™, and Relay Replay™ software functionality, provide the unprecedented ability to observe the relay's protection and control functions while offering flexibility for custom applications.

Technically Advanced Capacitor Relay

- With advanced features for detection and control, the iCP-640 relay helps improve reliability and reduce outage time. It detects capacitor unit failure when the compensated voltage differential or impedance change quantity increases beyond a threshold. It then reduces outage time by pinpointing the smallest affected area within the bank. Because it is easily configured to permit the nulling of inherent bank unbalance, the relay provides maximum sensitivity for detecting internal problems.

Complete Capacitor Bank Protection

- The iCP-640 relay is used for protection and control of shunt capacitor or filter banks. It provides backup overcurrent and under- and overvoltage protection, voltage control, and comprehensive metering up to the 15th harmonic. Cooper offers protective relays for a wide range of capacitor bank applications including: voltage differential, neutral unbalance, impedance, and negative sequence.

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, contact your Cooper Power Systems sales engineer, or call 877-CPS-INFO.

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