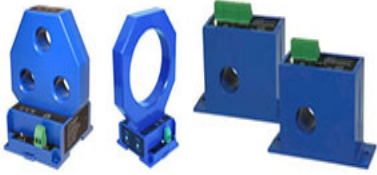




CDI Precision Measurement Introduces
NK Technologies Ground Fault Sensors



What exactly is a Ground Fault Sensor, and why could it be so
important to the success of your operation?

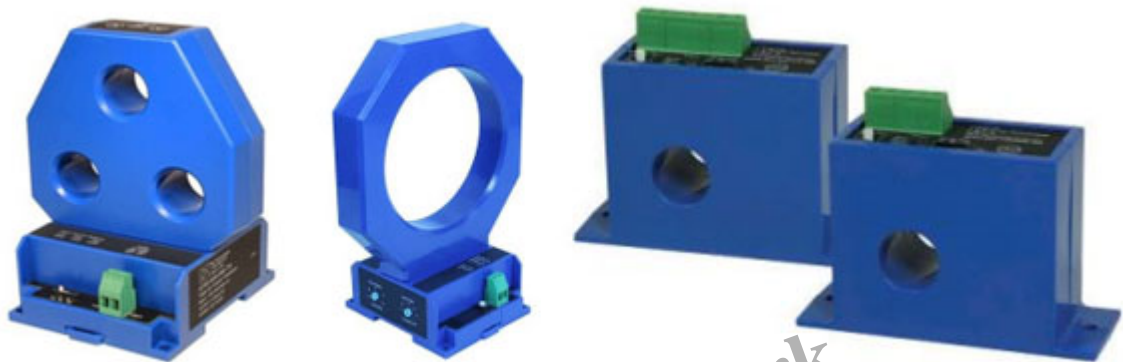
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Description

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What exactly is a Ground Fault Sensor, and why could it be so important to the success of your operation?

As an industrial/commercial engineer, you may already be aware that per the current NEC code, three phase and/or high amperage electrically operated commercial kitchen equipment now requires ground fault protection – 3 Phase GFCI circuit breakers over 30 amps are not something readily available from most electrical suppliers for new installations or easily retrofitted into existing kitchens. Making a regulation is the easy part; making the solution can be more difficult and challenging.

There are two ways NK Technologies / Component Distributors, Inc. ground fault sensors can help.

If the circuit breaker feeding the equipment can be fitted with a shunt trip operating mechanism, the AG or AGL series sensors with auto reset contacts will detect the fault, and, in turn, will close the circuit to energize the shunt trip solenoid. If the equipment is operated with a magnetic contactor, the sensor used should be the latching output type. The NK Technologies' sensor contact will be connected to de-energize the contactor coil when a fault is detected.

Features

ELECTROMECHANICAL RELAY OUTPUT

- Provides both normally open and normally closed contacts
- Compatible with most automation and control systems

SIMPLE FIELD SETPOINT ADJUSTMENT

EXTERNALLY POWERED

- A choice of fail-safe or standard operation

LARGE SOLID-CORE CASE & DIN RAIL MOUNT

- Single turn potentiometer with setpoint shown on label
- Adjustable delay to mask out nuisance fault current

- Large sensing window provides ample space for multiple conductors.
- Simple snap onto DIN rail or attach with screws to a panel for secure mounting

Applications

Monitor Large Machines & Generators

- Detect leakage to earth before the problem can cause damage.
- Shut down equipment when leakage current exceeds hazardous levels.

Water Delivery and Treatment

- Keep pumping systems safe and in operation.
- Sense faulting stator windings prior to failure.

[Buy Now](#)

[Download the NK Technologies Technical Guide to Ground Fault Sensing](#)

[Download the 2023 Product Catalog to learn more about all the current, voltage, power and ground fault sensors NK Technologies offers.](#)

About Component Distributors, Inc. (CDI)

Component Distributors, Inc. (CDI) is a value-added distributor of Precision Gaging and Metrology Solutions, and Position Feedback Sensors. CDI distributes globally and provides local application support and customer service across the Americas.

About NK Technologies

NK Technologies offers current sensing products including current transducers, voltage transducers, current transformers, and ground fault sensors. NK Technologies products are RoHS compliant and are used in a variety of markets including: motor monitoring, heater status, semiconductor tools, and water/wastewater plants.

Component, Distributors, Inc. (CDI)

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Category

1. Ewave
2. NK Technologies
3. Precision Measurement

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