

LOW COST STATUS INDICATION

- Switches AC or DC loads
- 1 range of 1 to 250 amps
- Lowest Cost

Model 225

The 225 is our lowest cost fixed setpoint current operated solid state status sensor. It monitors from 1 to 250 Amperes and switches up to 135 volts AC or DC. Internal circuits are totally powered by induction from the line being monitored.

Design enhancements offer zero off-state leakage in the solid state relay output while switching both AC and DC circuits. The contact is not polarity sensitive, simplifying wiring.

The 225 is ideal for status indication. It switches at 1 amp without requiring setpoint adjustment.

Installation Features

- Lowest installed cost—no adjustment needed.
- Large apertures: 0.55" hole in the D225 accommodates up to 2/0 cable.
- Contact switches up to 135 volts AC and DC.
- Single convenient range monitors from 1 to 250 Amps
- Small size: mounts easily in tight spaces. Can be hung or tied directly onto wires or cables.
- Self-powered design eliminates need for power supplies and power wiring.

Quality and Reliability

- Field-proven solid-state reliability--highest quality circuits-- no questionable metal contacts
- UL Listed in U.S. and Canada
- Five-year warranty

D225 Series Applications

- Upgrade from differential pressure and air-flow switches
- Direct connection to PLC, DDC and fire system inputs, for status and proof-of-performance
- Monitor all types of fans: stairway, exhaust,



supply, return and tower

- Monitor all types of pumps: tower, condenser, hot and cold water and sump
- Monitor all types of heating elements, ideal for heat tracing
- Monitor motors throughout plant or building to confirm ON/OFF status.
- Directly control light loads, such as lamps and relays

TECHNICAL DATA

Monitored AC Current

1-250 Amps, 6-60 Hz

Switch NO, 300mA continuous at 135volts AC or DC

Maximum Current

Continuous 250A

6 seconds 500A

1 second 1000A

Size: 2.18" H x 3.53" W x 0.94" D

Through hole 0.75" diameter

Temperature -50C to +65C

Case ABS meets UL flammability rating 94V-0

ORDERING DATA

Ask for model 225

ENERCORP

instruments ltd

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