

EASY TO INSTALL STATUS INDICATION

- No installation mix ups
- Switches AC or DC loads
- 1 range of 1 to 250 amps
- Pre-set trip point of 1.5 amps

Model SC225

The SC225 is our easiest to install fixed setpoint current operated solid state status sensor for status indication.

The one unit is pre-set to switch at 1.5 amps and will switch either AC or DC loads. This flexible design eliminates installation problems. It is not possible to incorrectly set the trip point or install a DC unit when an AC load should be switched.

The split core design means that retrofit installations are simplified since power does not have to be shut off and connections do not have to be broken.

The SD225 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. The contact is not polarity sensitive, simplifying wiring.

Installation Features

- Lowest installed cost—no adjustment needed.
- Large apertures: 0.85" through hole accommodates up to 350 MCM cable.
- Contact switches up to 135 volts AC and DC.
- Single 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



Applications

- Upgrade from differential pressure and air-flow switches
- 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

1.5-250 Amps, 6-60 Hz

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

Maximum Current

Continuous 250A

6 seconds 500A

1 second 1000A

Size: 2.5" H x 2.6" W x 1.15" D

Through hole 0.85" diameter

Temperature -50C to +65C

Case ABS meets UL flammability rating 94V-0

ORDERING DATA

Ask for model SC225

ENERCORP

instruments ltd

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