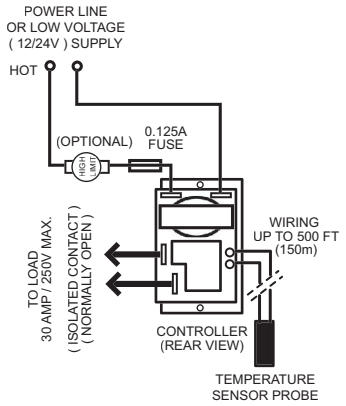
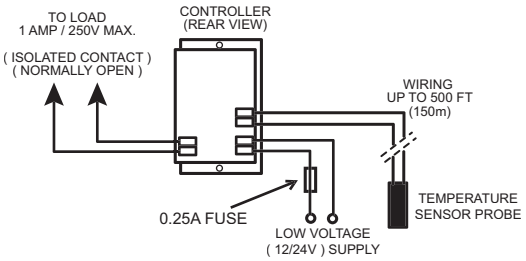
SDH4 THERMOSTAT WIRING EXAMPLES



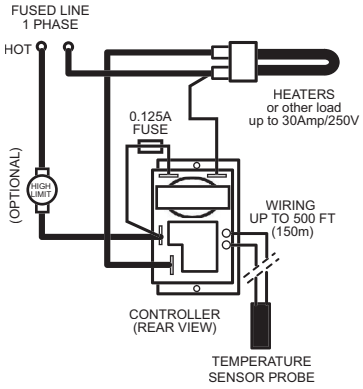
SDH4 THERMOSTAT BASIC WIRING
FOR LOADS UP TO 30A/250V

WH1



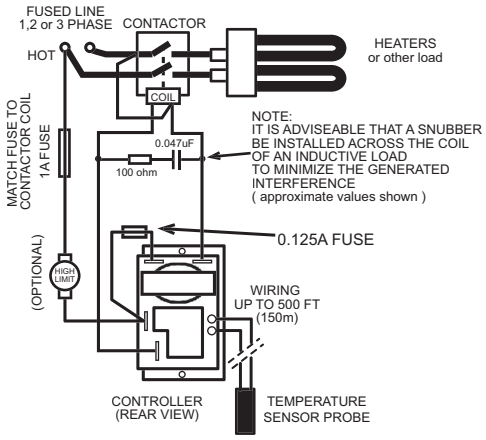
SDH4 THERMOSTAT
FOR HEATING, COOLING OR OTHER APPLICATIONS
USING LOW VOLTAGE FOR CONTROLLER SUPPLY
AND WITH LOW POWER ON-BOARD RELAY
FOR LOADS UP TO 1AMP/250V

WH2



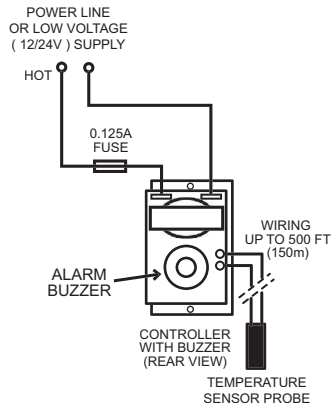
SDH4 THERMOSTAT
FOR LOADS UP TO 30A/250V

WH3



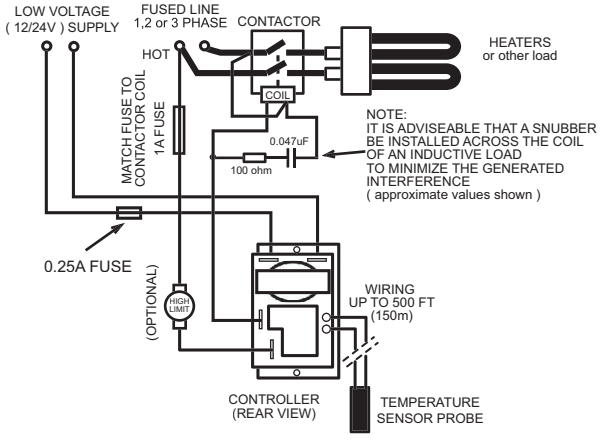
SDH4 THERMOSTAT
FOR VERY HIGH LOADS
USING EXTERNAL CONTACTOR

WH4



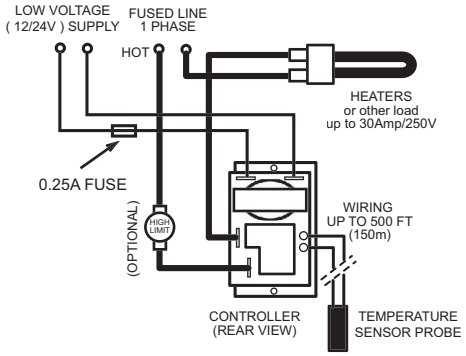
SDH4 THERMOSTAT
WITH ALARM BUZZER

WH5



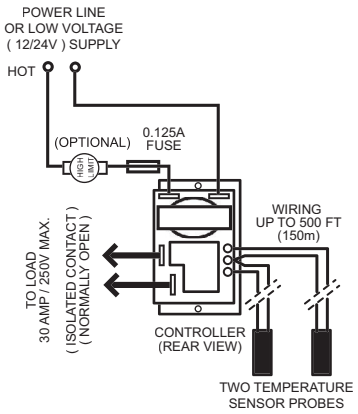
SDH4 THERMOSTAT
FOR VERY HIGH LOADS USING EXTERNAL CONTACTOR
AND USING LOW VOLTAGE FOR CONTROLLER SUPPLY

WH6



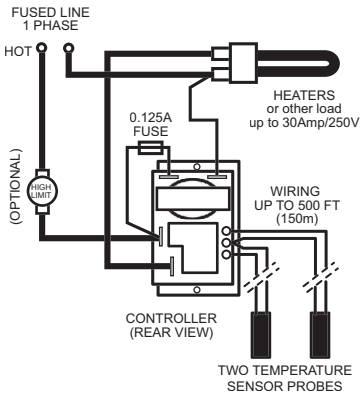
SDH4 THERMOSTAT
FOR LOADS UP TO 30A/250V
USING EXTERNAL CONTACTOR
AND WITH LOW VOLTAGE
FOR CONTROLLER SUPPLY

WH7



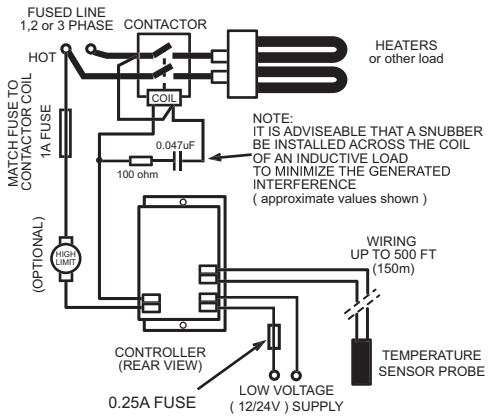
BASIC WIRING
FOR SDH4 THERMOSTAT
WITH TWO TEMPERATURE SENSORS
AND FOR LOADS UP TO 30A/250V

WH8



SDH4 THERMOSTAT WIRING
FOR LOADS UP TO 30A/250V
AND WITH TWO TEMPERATURE SENSORS

WH9



SDH4 THERMOSTAT
FOR VERY HIGH LOADS USING EXTERNAL CONTACTOR
AND WITH LOW VOLTAGE FOR CONTROLLER SUPPLY
AND USING LOW POWER ON-BOARD RELAY

WH10

FEATURES:

- SDH4 thermostat models for supply voltage on 120Vac, 208-250Vac, 50/60Hz power line and low voltage 12V ac/dc and 24V ac/dc.

- Available in high power load version with 30 Amps/250V max. Normally Open, SPST relay on-board or in lower power version with 1 Amp/250V max. Normally Open, SPST relay on-board. All relay contacts are fully isolated from the controller supply.

- Operating modes for heating or cooling.

- Temperature sensor probe wiring extendable up to 500 ft (150 M) using any type of 2-conductor cable.

- Models with one or two temperature sensors for special applications to test temperature difference or to control temperature at two separate locations. Variety of sensor probes available.

- SDH4 thermostat fits in a standard 1-gang wiring box or in a panel. Semi-flush or flush mounting.