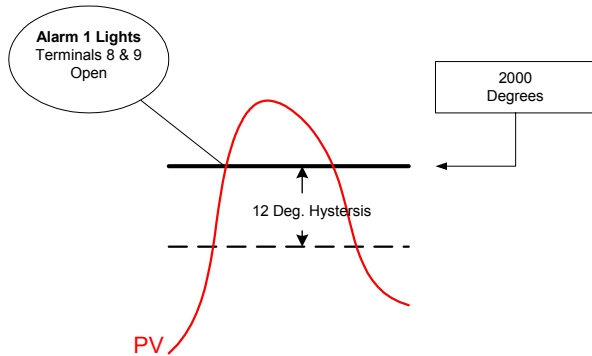# UDC 3200 Application Note

Alarm Configuration

Example 1

Process Variable High Alarm (Alarm 1)
Alarm to open at temperture values greater than 2000

Alarm 1 Lights
Terminals 8 & 9
Open

2000
Degrees

12 Deg. Hystersis

PV

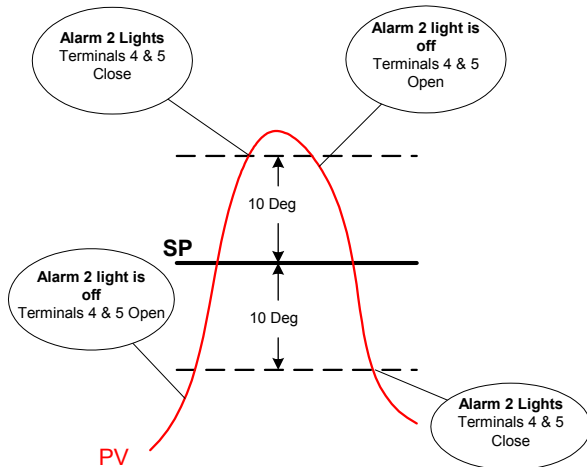### Alarm Configuration

A1S1 VAL   = 2000
A1S1 TYPE   = PV
A1S2 TYPE   = None
A1S1 HL   = HIGH

ALHYST   = 0.5
ALM OUT1   = NO LAT
BLOCK   = DISABLE

Input set for K thermocouple High with a range of
2400 degrees

Example 2

Absolute Deviation Alarm (Alarm 2)
Alarm to open close when the Process Variable is 10 degrees above or below the setpoint

Alarm 2 Lights
Terminals 4 & 5
Close

Alarm 2 light is off
Terminals 4 & 5
Open

10 Deg

SP

Alarm 2 light is off
Terminals 4 & 5 Open

10 Deg

Alarm 2 Lights
Terminals 4 & 5
Close

PV

Alarm Configuration

A2S1VAL   = 10
A2S2VAL   = 10
A2S1 TYPE   = DEV
A2S2 TYPE   = DEV
A2S1 HL   = HIGH
A2S2HL   = LOW

ALHYST   = 0.0
ALM OUT1   = NO LAT
BLOCK   = DISABLE

Input set for K thermocouple High with a range of
2400 degrees