

## C. Setup Worksheet

Prompt	Description	Selection
<b>Reverse acting outputs?</b>	Choose which outputs should be in an active state, before a trip condition occurs.	Output 1__ Output 2__ Output 3__ Output 4__
<b>Temperature Scale:</b>	Choose the temperature scale to which the CT224 should be configured.	Degrees _____
<b>Zone to be displayed during normal operation:</b>	Choose how input readings should be displayed.	High Low Any
<b>Minutes of alarm silence when a key is pressed:</b>	Set the amount of time that should pass before the alarm will resound due to an alarm condition.	_____ Minutes
<b>If an input fails:</b>	Choose action to take if input fails.	Sound Alarm Trip Output(s) Ignore
<b>Zone X Trip 1: Choose input type:</b>	Choose the type of input that is attached.	Zone 1 _____ Zone 6 _____ Zone 2 _____ Zone 7 _____ Zone 3 _____ Zone 8 _____ Zone 4 _____ Zone 9 _____ Zone 5 _____ Zone 10 _____ Zone 6 _____ Zone 11 _____ Zone 7 _____ Zone 12 _____
<b>Zone X Trip 1: Enter Low End of Transmitter Range:</b>	For 4-20mA current loops, enter the low end of the range of the input. These settings will not be used for RTD and Thermocouple inputs. The range for RTD and Thermocouples are not changeable. See Specifications in the rear of the manual for the range of RTD and Thermocouples.	Zone 1 _____ Zone 6 _____ Zone 2 _____ Zone 7 _____ Zone 3 _____ Zone 8 _____ Zone 4 _____ Zone 9 _____ Zone 5 _____ Zone 10 _____ Zone 6 _____ Zone 11 _____ Zone 7 _____ Zone 12 _____

Prompt	Description	Selection
<b>Zone X Trip 1: Enter High End of Transmitter Range:</b>	For 4-20mA current loops, enter the high end of the range of the input.	Zone 1 _____    Zone 6 _____ Zone 2 _____    Zone 7 _____ Zone 3 _____    Zone 8 _____ Zone 4 _____    Zone 9 _____ Zone 5 _____    Zone 10 _____ Zone 6 _____    Zone 11 _____ Zone 7 _____    Zone 12 _____
<b>Zone X Trip 1:</b>	Set the trip value.	Zone 1 _____    Zone 6 _____ Zone 2 _____    Zone 7 _____ Zone 3 _____    Zone 8 _____ Zone 4 _____    Zone 9 _____ Zone 5 _____    Zone 10 _____ Zone 6 _____    Zone 11 _____ Zone 7 _____    Zone 12 _____
<b>Zone X Trip 1: Trip Over or Under?</b>	Set the input condition for when the output(s) should trip.	Zone 1 _____    Zone 6 _____ Zone 2 _____    Zone 7 _____ Zone 3 _____    Zone 8 _____ Zone 4 _____    Zone 9 _____ Zone 5 _____    Zone 10 _____ Zone 6 _____    Zone 11 _____ Zone 7 _____    Zone 12 _____
<b>Zone X Trip 1: Sound Alarm on Trip?</b>	Set to alarm when an output is tripped.	Zone 1 _____    Zone 6 _____ Zone 2 _____    Zone 7 _____ Zone 3 _____    Zone 8 _____ Zone 4 _____    Zone 9 _____ Zone 5 _____    Zone 10 _____ Zone 6 _____    Zone 11 _____ Zone 7 _____    Zone 12 _____

Prompt	Description	Selection
<b>Zone X Trip 1:</b> <b>Outputs to trip:</b> <b>Output1__</b> <b>Output2__</b> <b>Output3__</b> <b>Output4__</b>	Choose outputs to trip when trip value is observed.	Zone 1 Trip 1:            Zone 7 Trip 1: Output1__ Output2__    Output1__ Output2__ Output3__ Output4__    Output3__ Output4__  Zone 2 Trip 1:            Zone 8 Trip 1: Output1__ Output2__    Output1__ Output2__ Output3__ Output4__    Output3__ Output4__  Zone 3 Trip 1:            Zone 9 Trip 1: Output1__ Output2__    Output1__ Output2__ Output3__ Output4__    Output3__ Output4__  Zone 4 Trip 1:            Zone 10 Trip 1: Output1__ Output2__    Output1__ Output2__ Output3__ Output4__    Output3__ Output4__  Zone 5 Trip 1:            Zone 11 Trip 1: Output1__ Output2__    Output1__ Output2__ Output3__ Output4__    Output3__ Output4__  Zone 6 Trip 1:            Zone 12 Trip 1: Output1__ Output2__    Output1__ Output2__ Output3__ Output4__    Output3__ Output4__
<b>Zone X Trip 1:</b> <b>Untrip Outputs by:</b>	Choose the preferred method to untrip the outputs.	Zone 1 ____    Zone 6 ____  Zone 2 ____    Zone 7 ____  Zone 3 ____    Zone 8 ____  Zone 4 ____    Zone 9 ____  Zone 5 ____    Zone 10 ____  Zone 6 ____    Zone 11 ____  Zone 7 ____    Zone 12 ____
<b>Zone X Trip 1:</b> <b>Set Hysteresis:</b>	Set the hysteresis (deadband) value. Hysteresis is the amount that the input value must pass beyond the trip value before the output will untrip.	Zone 1 ____    Zone 6 ____  Zone 2 ____    Zone 7 ____  Zone 3 ____    Zone 8 ____  Zone 4 ____    Zone 9 ____  Zone 5 ____    Zone 10 ____  Zone 6 ____    Zone 11 ____  Zone 7 ____    Zone 12 ____

Prompt	Description	Selection
<b>Zone X Trip 2: Choose input type:</b>	Choose the type of input that is attached.	Zone 1 _____ Zone 6 _____ Zone 2 _____ Zone 7 _____ Zone 3 _____ Zone 8 _____ Zone 4 _____ Zone 9 _____ Zone 5 _____ Zone 10 _____ Zone 6 _____ Zone 11 _____ Zone 7 _____ Zone 12 _____
<b>Zone X Trip 2: Enter Low End of Transmitter Range:</b>  (4-20mA inputs only, if another input type is selected, this option will not be displayed.)	Enter the low end of the range of the input.	Zone 1 _____ Zone 6 _____ Zone 2 _____ Zone 7 _____ Zone 3 _____ Zone 8 _____ Zone 4 _____ Zone 9 _____ Zone 5 _____ Zone 10 _____ Zone 6 _____ Zone 11 _____ Zone 7 _____ Zone 12 _____
<b>Zone X Trip 2: Enter High End of Transmitter Range:</b>  (4-20mA inputs only, if another input type is selected, this option will not be displayed.)	Enter the high end of the range of the input.	Zone 1 _____ Zone 6 _____ Zone 2 _____ Zone 7 _____ Zone 3 _____ Zone 8 _____ Zone 4 _____ Zone 9 _____ Zone 5 _____ Zone 10 _____ Zone 6 _____ Zone 11 _____ Zone 7 _____ Zone 12 _____
<b>Zone X Trip 2:</b>	Set the trip value.	Zone 1 _____ Zone 6 _____ Zone 2 _____ Zone 7 _____ Zone 3 _____ Zone 8 _____ Zone 4 _____ Zone 9 _____ Zone 5 _____ Zone 10 _____ Zone 6 _____ Zone 11 _____ Zone 7 _____ Zone 12 _____

Prompt	Description	Selection
<b>Zone X Trip 2: Trip Over or Under?</b>	Set the condition when the outputs should trip.	Zone 1 ____ Zone 6 ____ Zone 2 ____ Zone 7 ____ Zone 3 ____ Zone 8 ____ Zone 4 ____ Zone 9 ____ Zone 5 ____ Zone 10 ____ Zone 6 ____ Zone 11 ____ Zone 7 ____ Zone 12 ____
<b>Zone X Trip 2: Sound Alarm on Trip?</b>	Set to alarm when an output is tripped.	Zone 1 ____ Zone 6 ____ Zone 2 ____ Zone 7 ____ Zone 3 ____ Zone 8 ____ Zone 4 ____ Zone 9 ____ Zone 5 ____ Zone 10 ____ Zone 6 ____ Zone 11 ____ Zone 7 ____ Zone 12 ____
<b>Zone X Trip 2: Outputs to trip: Output1__ Output2__ Output3__ Output4__</b>	Choose outputs to trip when trip value is observed.	Zone 1 Trip 1:                      Zone 7 Trip 1: Output1__ Output2__      Output1__ Output2__ Output3__ Output4__      Output3__ Output4__  Zone 2 Trip 1:                      Zone 8 Trip 1: Output1__ Output2__      Output1__ Output2__ Output3__ Output4__      Output3__ Output4__  Zone 3 Trip 1:                      Zone 9 Trip 1: Output1__ Output2__      Output1__ Output2__ Output3__ Output4__      Output3__ Output4__  Zone 4 Trip 1:                      Zone 10 Trip 1: Output1__ Output2__      Output1__ Output2__ Output3__ Output4__      Output3__ Output4__  Zone 5 Trip 1:                      Zone 11 Trip 1: Output1__ Output2__      Output1__ Output2__ Output3__ Output4__      Output3__ Output4__  Zone 6 Trip 1:                      Zone 12 Trip 1: Output1__ Output2__      Output1__ Output2__ Output3__ Output4__      Output3__ Output4__
<b>Zone X Trip 2: Untrip Outputs by:</b>	Choose the preferred method to untrip the outputs.	Zone 1 ____ Zone 6 ____

Prompt	Description	Selection
		Zone 2 _____    Zone 7 _____ Zone 3 _____    Zone 8 _____ Zone 4 _____    Zone 9 _____ Zone 5 _____    Zone 10 _____ Zone 6 _____    Zone 11 _____ Zone 7 _____    Zone 12 _____
<b>Zone X Trip 2: Set Hysteresis:</b>	Set the hysteresis (deadband) value. Hysteresis is the amount that the input value must pass beyond the trip value before the output will untrip.	Zone 1 _____    Zone 6 _____ Zone 2 _____    Zone 7 _____ Zone 3 _____    Zone 8 _____ Zone 4 _____    Zone 9 _____ Zone 5 _____    Zone 10 _____ Zone 6 _____    Zone 11 _____ Zone 7 _____    Zone 12 _____