

WEINTEK IIOT LTD.

Action Trigger

Operating Objects using Action Trigger

Demo Project

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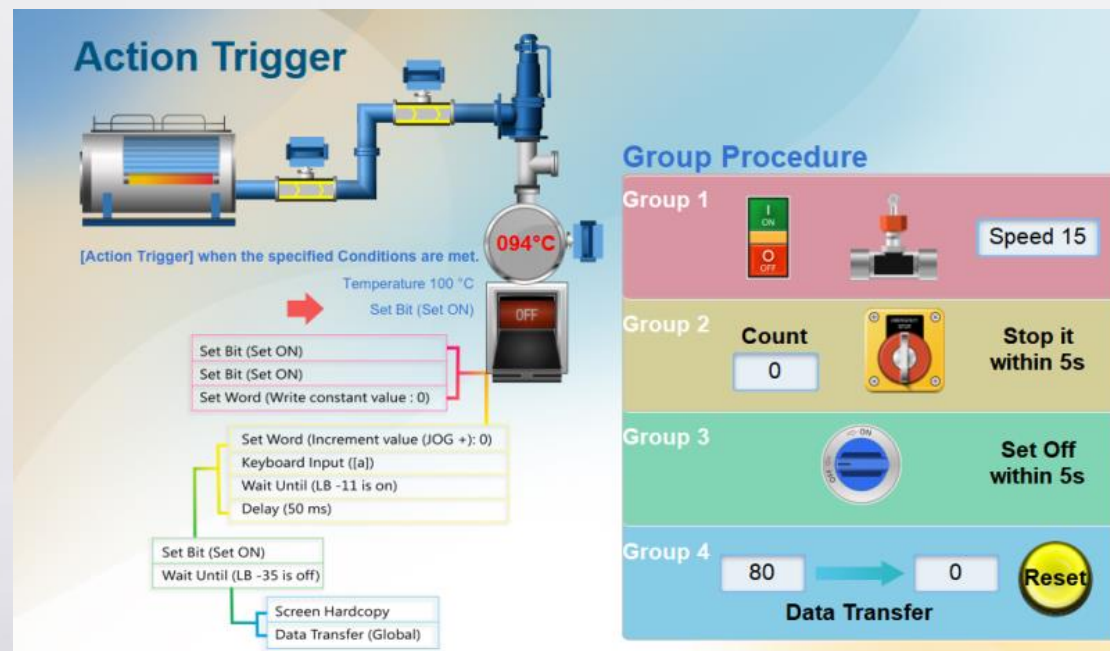
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1. Overview and Operation

Overview

The Action Trigger object activates a series of action groups when specified condition are met. Actions within each group run together, and once one group finishes, the next begins. This demo project demonstrates how to use the Action Trigger object.

Operation



Here are the steps:

1. When temperature reaches 100°C, Group 1 begins.
2. After Group 1 completes, Group 2 starts automatically.
3. During Group 2, press [Emergency Stop] within 5 seconds to proceed to Group 3.
4. During Group 3, press [Switch] within 5 seconds to proceed to Group 4.
5. Press [Reset] to restart the Action Trigger process.

2. Object List

Key objects used in the project are listed below, please adjust as necessary.

Object	Description
Window 10	
Set Word	Default temperature: 80°C.
Set Word	Temperature increases by 1°C every 0.3 seconds.
Set Word	Default value: 80.
Set Word	Default speed: 15.
Flow Block	Displays flow status.
Bit Lamp	Switch turns ON when conditions are met.
Numeric	Displays current temperature.
Animation	Shows current group progress.
Bit Lamp	Switch is set to ON.
Bit Lamp	Water valve ON when conditions are met.
Numeric	Group 1 speed value.
Numeric	Group 2 counter.
Toggle Switch	Group 2 Emergency Stop button.
Toggle Switch	Group 3 switch.
Numeric	Group 4 data transfer.
Word Lamp	Displays current group progress.
Function Key	Resets [Action Trigger].
Background Object	
Action Trigger	Global: Action Trigger object.