

# Applications

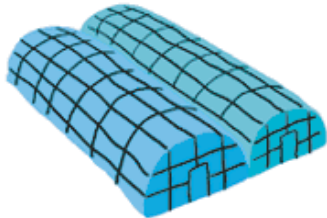
## Greenhouse Air Circulation Control

Operation of fans when a specific temperature is exceeded.

(3)

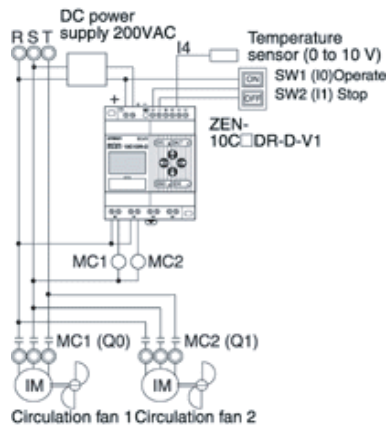


### ● Analog Comparator Application

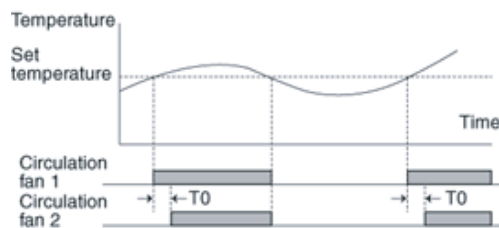


The ZEN can be used to start the circulation fans once the temperature inside the greenhouse exceeds a set level. The fans start up at different times to keep the startup current down.

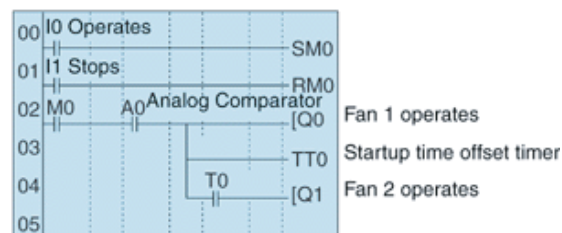
#### ■ System Configuration



The temperature is detected by a 0- to 10-V temperature sensor. The circulation fans will start operation when the analog input voltage is 5.2 V or higher.



#### ■ Program Example



#### ■ Parameter Settings

##### Analog Comparator A0

A0	I4	U
	>=	05.2
		U

Set temperature ≥ 5.2V

##### Offset startup timer setting T0

T0	X	S	A
TRG			30.00
RES			

Set to 30 seconds.