

# 11. EXTERNAL INPUT & OUTPUT

| Connector | INPUT         | OUTPUT                   | REMARKS   |
|-----------|---------------|--------------------------|---|
| CN102     | Control input | —                        | See external input/output settings for details. |
| CN103     | —             | Operation status output  |   |
| CN6       | —             | Fresh air control output |   |

## 11-1. EXTERNAL INPUT

### ■ CONTROL INPUT (Operation/Stop or Forced stop)

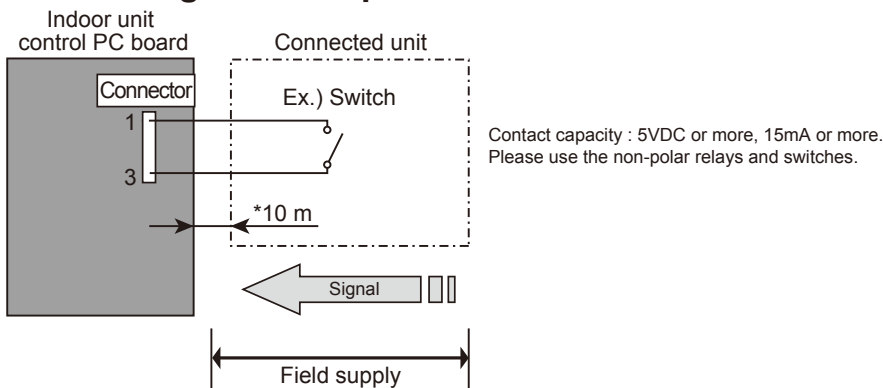
The air conditioner can be remotely operated by means of the following on-site work.

"Operation/Stop" mode or "Forced stop" mode can be selected with function setting of indoor unit.

Unit operation is started at the following contents by adding the contact input of a commercial ON/OFF switch to a connector on the external control PC board and turning it ON.

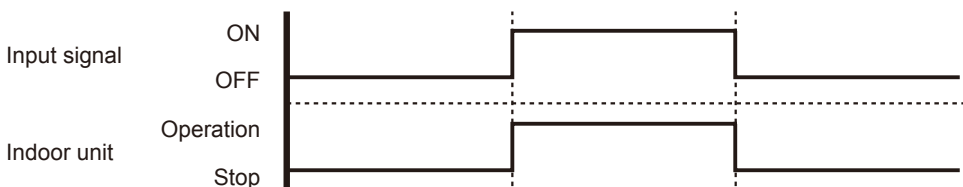
| Unit operation                   | Initial starting after turned power on | Other than initial starting         |
|----------------------------------|--|-------------------------------------|
| Operation mode                   | Auto changeover                        | Mode at previous operation          |
| Set temperature                  | 24°C                                   | Temperature at previous operation   |
| Air flow mode                    | AUTO                                   | Mode at previous operation          |
| Up-down air direction (swing)    | Standard air direction (swing OFF)     | Air direction at previous operation |
| Left-right air direction (swing) | Standard air direction (swing OFF)     | Air direction at previous operation |

### ● Circuit diagram example

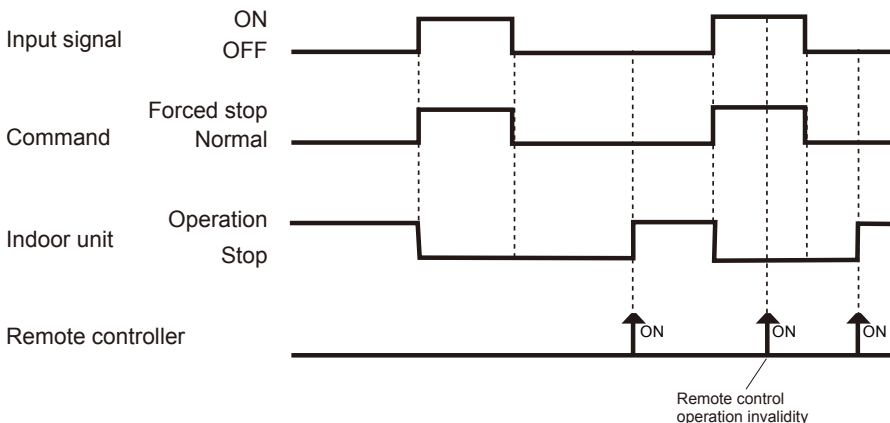


\* Make the distance from the PC board to the connected unit within 10m.

#### ● When function setting is "Operation/Stop" mode



#### ● When function setting is "Forced stop" mode



### ● Parts (Optional)

| Model name |
|------------|
| UTY-XWZX   |

Wire (External input)

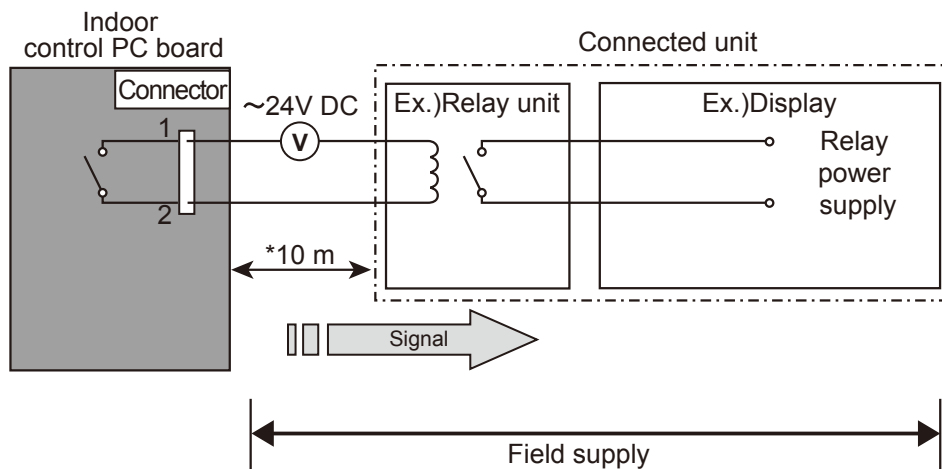


## 11-2. EXTERNAL OUTPUT

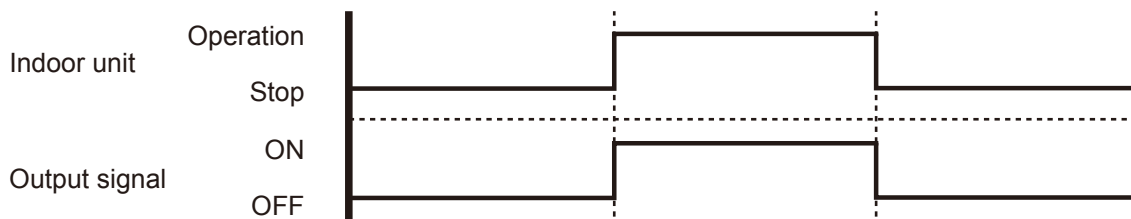
### ■ OPERATION STATUS OUTPUT

An air conditioner operation status signal can be output.

#### ● Circuit diagram example



\* Make the distance from the PC board to the connected unit within 10m.  
Relay spec. : Max.24VDC, 10mA to less than 500mA.



#### ● Parts (Optional)

| Model name |
|------------|
| UTY-XWZX   |

Wire (External output)

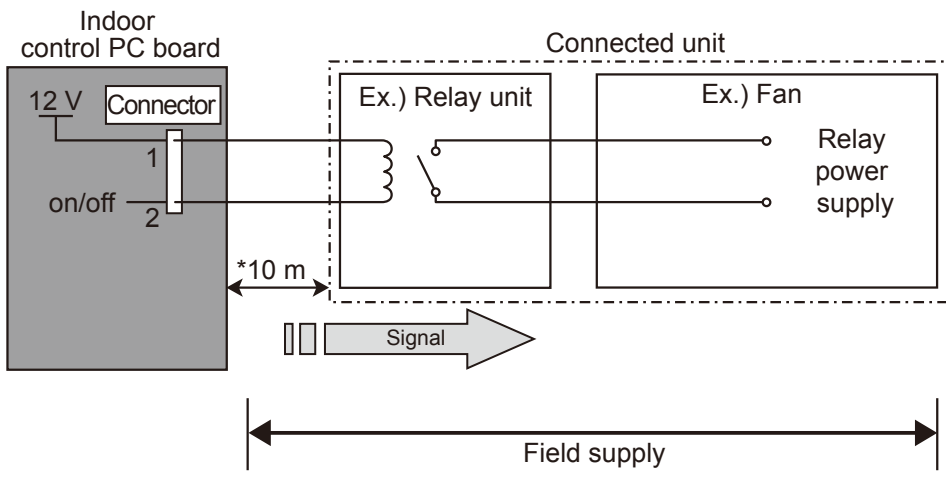


## ■ FRESH AIR CONTROL OUTPUT

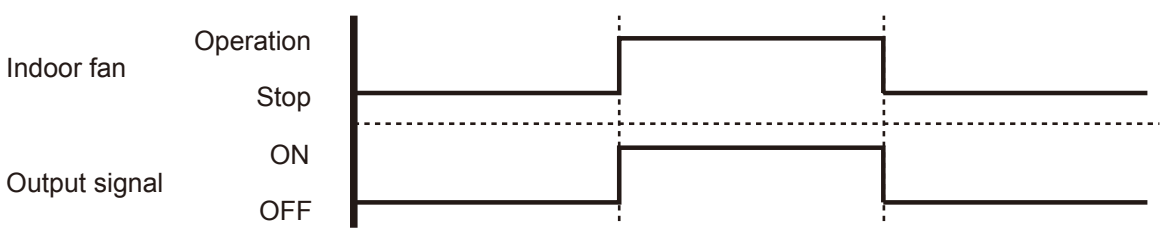
A signal linked to air conditioner indoor fan ON can be output.

\* However, signal becomes OFF during cold air prevention control operation.

### ● Circuit diagram example



\* Make the distance from the PC board to the connected unit within 10m.  
Relay spec. : Rated 12VDC, 50mA or less.



### ● Parts (Optional)

| Model name |
|------------|
| UTD-ECS5A  |

Wire (Fresh air output)

