



## Photo



## Descriptions

- This adaptor connects the relay circuit and the outdoor unit control board to enable low noise mode or demand function using external input.
- All parts besides the wires for connection (timer, switch, relay, etc.) must be procured locally.

## Applicable Models

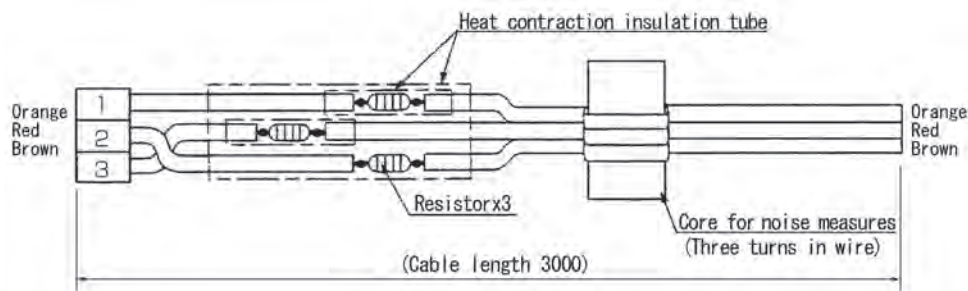
- PUZ-ZM Series
- PUHZ-ZRP Series
- PUZ-M Series [R32 type]
- PUHZ-P Series
- PUHZ-SHW Series [R410A type]

## Specifications

Function	Inputs signal of low noise mode or demand function to the outdoor unit control board.
Input signal	No-voltage contact (ON/OFF level signal)
Connector	3P (connector to CNDM, CN3D, CN3S on outdoor unit control board)
Cable type	3-wire cable, for extension: sheathed vinyl cord or cable (0.5 to 1.25mm <sup>2</sup> )
Cable length	3m (max. 10m when extended locally)

## Dimensions

Unit : mm



## How to Use / How to Install

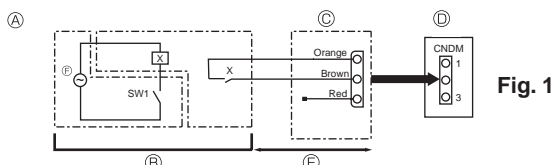


Fig. 1

### Low noise mode (on-site modification) (Fig. 1)

By performing the following modification, operation noise of the outdoor unit can be reduced by about 3-4 dB.

The low noise mode will be activated when a commercially available timer or the contact input of an ON/OFF switch is added to the CNDM connector (option) on the control board of the outdoor unit.

- The ability varies according to the outdoor temperature and conditions, etc.

- ① Complete the circuit as shown when using the external input adaptor (PAC-SC36NA). (Option)
- ② SW1 ON: Low noise mode  
SW1 OFF: Normal operation

- Ⓐ Circuit diagram example (low noise mode)
- Ⓑ On-site arrangement
- Ⓒ External input adaptor (PAC-SC36NA)
- Ⓓ Outdoor unit control board
- Ⓔ Max. 10 m
- Ⓕ Power supply for relay
- X: Relay

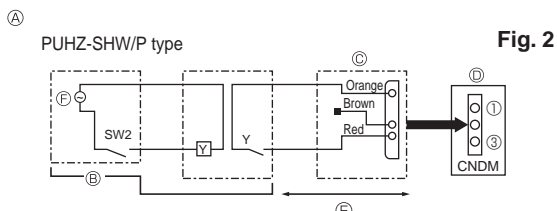


Fig. 2

### Demand function (on-site modification) (Fig. 2)(Fig. 3)

By performing the following modification, energy consumption can be reduced to 0-100% of the normal consumption.

The demand function will be activated when a commercially available timer or the contact input of an ON/OFF switch is added to the CNDM connector (option) on the control board of the outdoor unit.

- ① Complete the circuit as shown when using the external input adaptor (PAC-SC36NA). (Option)
- ② By setting SW7-1 (and SW7-2) on the control board of the outdoor unit, the energy consumption (compared to the normal consumption) can be limited as shown below.

PUHZ-HRP/P type

SW7-1	SW7-2	Energy consumption (SW2 ON)
OFF	OFF	0% (Stop)
ON	OFF	50%
OFF	ON	75%

MXZ-8A140VA

SW7-1	Power consumption when SW2 is on
OFF	0% (Forced compressor stop)
ON	50%

PUHZ-RP-HA4/KA

SW7-1	SW2	SW3	Energy consumption
ON	OFF	OFF	100%
	ON	OFF	75%
	ON	ON	50%
	OFF	ON	0%(Stop)

- Ⓐ Circuit diagram example (Demand function)
- Ⓑ On-site arrangement
- Ⓒ External input adaptor (PAC-SC36NA)
- Ⓓ Outdoor unit control board
- Ⓔ Max. 10 m
- Ⓕ Power supply for relay
- X, Y: Relay

OPTIONAL PARTS