

# Installation Instructions for the TBLZ-1-81-a Push Button GOLD/COMPACT

## 1. General

The push button set consists of momentary push button, frame and box for surface mounting.

## 2. Field of application

The pushbutton is used for extended high speed or low speed operation outside ordinary in-operation periods pre-set in the air handling unit's internal timer (switch clock). The pushbutton can also be used for controlling the air handling unit when the internal timer is not in use.

## 3. Operation

The air handling unit is controlled to the appropriate operating mode via impulse from the pushbutton. The time delay can be set in the air handling unit's control panel. Note that it is not possible to control the air handling unit via the pushbutton to the low speed mode while it is operating in the high speed mode.

## 4. Installation

For recessed mounting in electrical boxes c-c 60 mm. The included box is used for surface mounting.

## 5. Technical data

|                 |                                                                             |
|-----------------|-----------------------------------------------------------------------------|
| Enclosure class | IP 20                                                                       |
| Colour          | White, nearest RAL 9003                                                     |
| Material        | Sheet steel, thermoplastic.<br>Does not contain halogenated<br>PVC or lead. |
| Indication      | Red 24 VAC                                                                  |

### Dimensions:

|                                  |             |
|----------------------------------|-------------|
| Push button (WxHxD)              | 71x71x16 mm |
| Frame (WxHxD)                    | 87x87x12 mm |
| Box for surface mounting (WxHxD) | 85x85x21 mm |



Push button including frame, with indication, TBLZ-1-81-1



Push button including frame, without indication, TBLZ-1-81-0



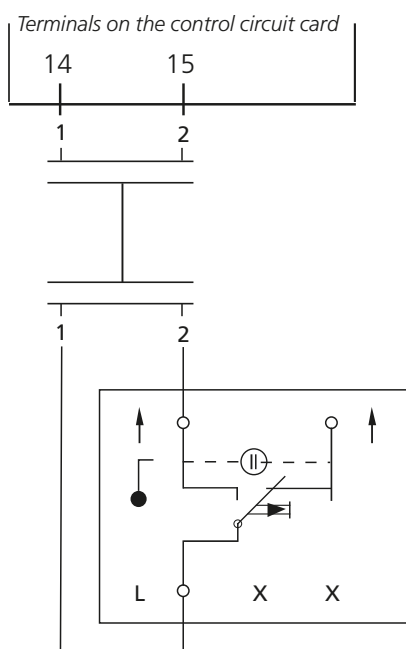
Box for surface mounting

## 6. Electrical Wiring

The electrical wiring should be carried out by a qualified electrician in accordance with local regulations.

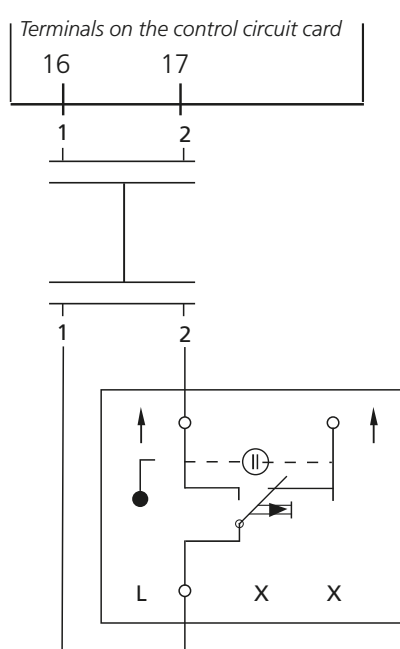
### GOLD RX/PX/CX/SD, version E/F

#### Low speed



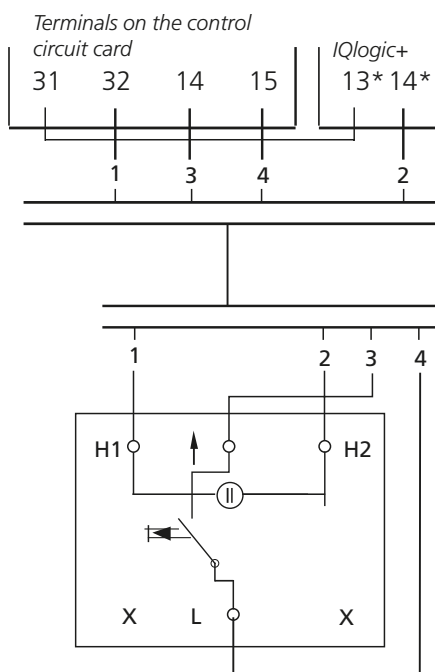
TBLZ-1-81-0

#### High speed



TBLZ-1-81-0

#### Low speed with indication

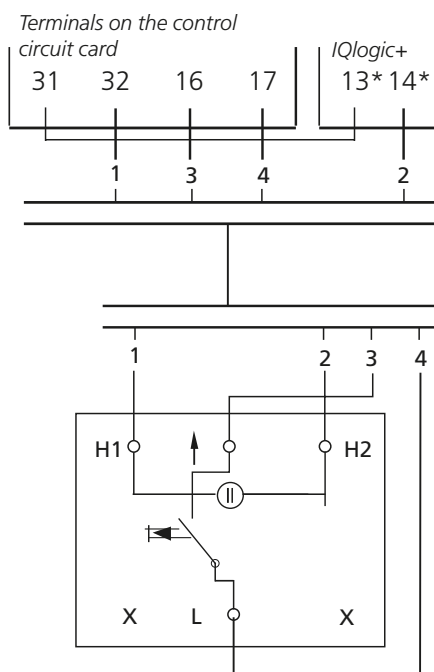


TBLZ-1-81-1

Indicating LED lit when the air handling unit is operating in the low speed mode.

Applicable to size 100/120 GOLD units only:  
If the total load on Terminals 31-32 is higher than 16 VA, use Terminals 201 (G) and 202 (G0). Terminals 201-202 can be loaded with a total of max, 48 VA.  
\*Terminals on the I/O module, size 2.  
Also see the separate instruction for the IQlogic+ module TBIQ-3.

#### High speed with indication



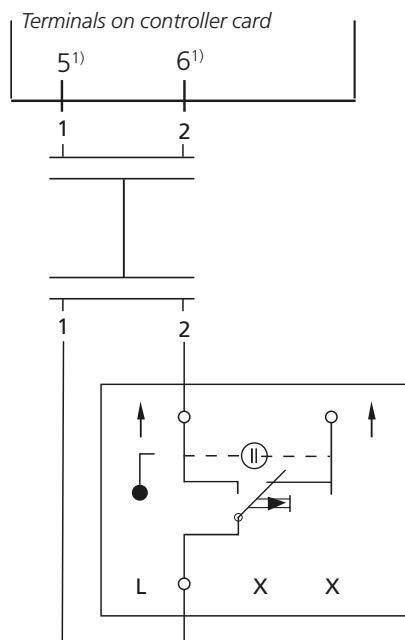
TBLZ-1-81-1

Indicating LED lit when the air handling unit is operating in the high speed mode.

Applicable to size 100/120 GOLD units only:  
If the total load on Terminals 31-32 is higher than 16 VA, use Terminals 201 (G) and 202 (G0). Terminals 201-202 can be loaded with a total of max, 48 VA.  
\*Terminals on the I/O module, size 2.  
Also see the separate instruction for the IQlogic+ module TBIQ-3.

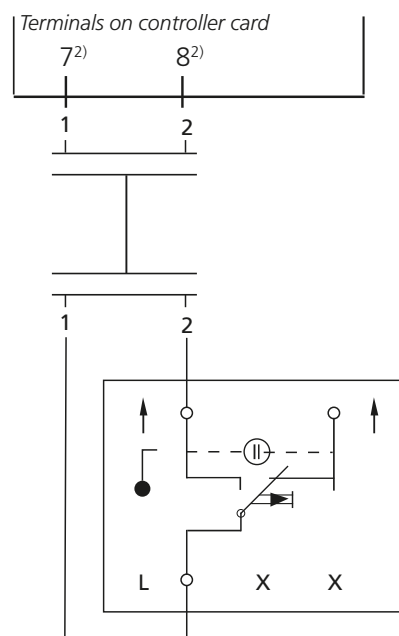
## GOLD LP/COMPACT

### Low speed



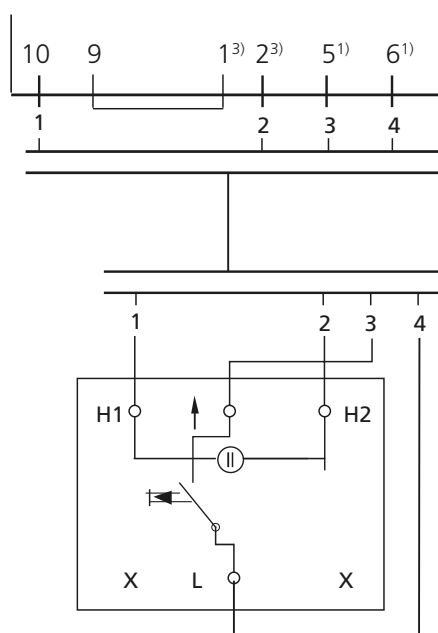
TBLZ-1-81-0

### High speed



TBLZ-1-81-0

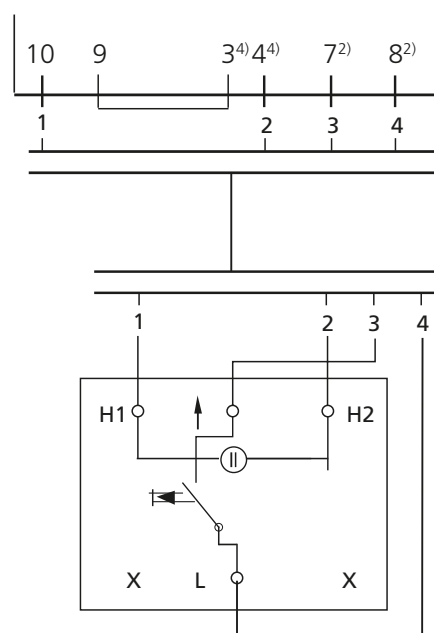
### Low speed with indicating lamp



TBLZ-1-81-1

Indicating LED is lit when the air handling unit is operating in the low speed mode.

### High speed with indicating lamp



TBLZ-1-81-1

Indicating LED is lit when the air handling unit is operating in the high speed mode.

<sup>1)</sup> Select the external low speed function in the hand-held terminal; see the section on Inputs/Outputs in the Installation and Maintenance Instructions.

<sup>2)</sup> Select the external high speed function in the hand-held terminal; see the section on Inputs/Outputs in the Installation and Maintenance Instructions.

<sup>3)</sup> Select the external low speed output function in the hand-held terminal; see the section on Inputs/Outputs in the Installation and Maintenance Instructions.

<sup>4)</sup> Select the external high speed output function in the hand-held terminal; see the section on Inputs/Outputs in the Installation and Maintenance Instructions.

