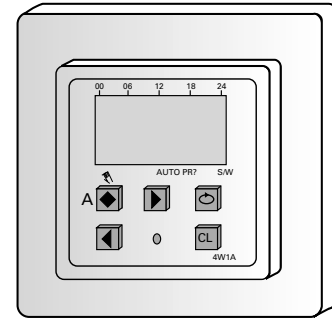
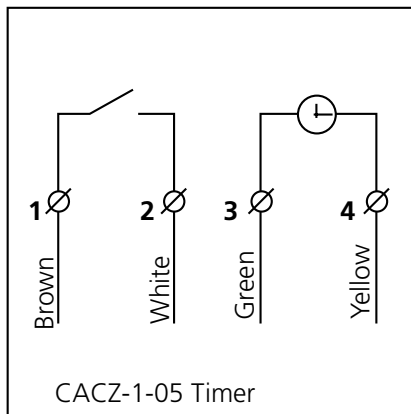


# INSTRUCTION FOR THE CACZ-1-05 TIMER

## MM 7591H

### 1. WIRING



### 2. PROGRAMMING

#### 2.1 To reset the timer.

1. Insert a thin object in the round hole in the front panel and briefly press it into the hole.  
To program the present time.
1. Press the (↻) cursor key to advance the cursor until it is just in front of the clock symbol (⊕). "Day 1" = Monday is flashing.
2. Press the (▶) arrow key until the present day of the week is displayed and press the (◆). "0" will now flash in the display.
3. Press the (◆) diamond key until the correct first digit of the present time is displayed. Press the (▶) arrow key to advance to the next digit.
4. When all the time digits have been entered in the display, press the (▶) arrow key to store the time setting in the timer memory.
5. The present day of the week and the time settings are now entered. The cursor has returned to the (Auto) position.

#### 2.2 To program the switch-in and switch-out times.

1. Press the (↻) cursor key to advance the cursor until it is just in front of (PR). "Day 1" = Monday is flashing.

2. Press the (▶) arrow key to advance from one day of the week to the next and confirm the days to be included in the program by pressing the (◆) diamond key. Press the (◀) arrow left key to go back to the previous day. When day number "7" has been passed, "0" will flash in the display.
3. Press the (◆) diamond key until the correct first digit of the time required is displayed. Press the (▶) arrow key to advance to the next digit. When the switching time has been entered, channel "A" will flash at the upper right in the display.
4. Press the (◆) diamond key to select the appropriate operation. Switch in = (⏏), Switch out = (⏏) and Impuls = (⏏).
5. Press the (▶) arrow key to confirm the appropriate operation. The switching time has now been stored in the timer memory.
6. Repeat the procedure from item 1 above to add all the Switch-in and Switch-out times required.
7. When the programming work is completed, press the (↻) cursor key to move the cursor to the (Auto) position.

#### 2.3 Summer and winter time operation.

The timer will automatically switch to summer time on the last Sunday in March and to winter time on the last Sunday in October. For this reason, the timer must be preset to the present date. The digits of the date must be entered in the follow order: Day-Month-Year. For example, 4/2-98 = 040298.

1. Press the (↻) cursor key until the cursor is just in front of (SW). The first position in the date is flashing.
2. Press the (◆) diamond key until the appropriate digit is displayed. Confirm and press the (▶) arrow key to advance to the next digit position.
3. When the programming work is completed, press the (↻) cursor key to move the cursor to the (Auto) position.

## 2.4 Holiday switching mode for up to 99 days.

The timer can be set in a mode that will block the normal program during a max. period of 99 days.

The holiday switching mode is to be preset to begin a programmed day of the week. This means that programming must be carried out less than one week prior to the beginning of the relevant holiday period.

1. Press the (↶) cursor key to advance the cursor until it is just in front of (PR).
2. Press the (◀) arrow left key once. "d" will flash in the display.
3. Press the (◆) diamond key. "Day 1" will flash. Press the (▶) arrow key to advance to the appropriate day when the holiday is to begin. Confirm by pressing the (◆) diamond key. Digit "0" will flash.
4. Now enter the number of days of the "holiday period". To do so, press the (◆) key to advance to the appropriate digit. Confirm and press the (▶) arrow key to advance to the next digit position. When the number days has been entered, channel "A" will flash at the upper right in the display.
5. Press the (◆) diamond key to select the appropriate operation. Switch in = (⏏), Switch out = (⏏).
6. Press the (▶) arrow key to confirm the appropriate operation.
7. When the programming work is completed, press the (↶) cursor key to move the cursor to the (Auto) position.

## 2.5 Manual override.

It is possible to manually control the timer to be On or Off. Manual override operation will be automatically cancelled on the next occasion that pre-programmed switching is to take place.

1. The timer must be in the Auto operating position with the cursor above (Auto).
2. Press the channel key (A). The output will change over from On to Off or vice-versa.

## 2.6 Permanent switch in mode

It is possible to permanently control the timer to be On or Off. This means that the air handling unit can be set to an operating position and that the pre-programmed switching times will not have any effect on the operation of the unit.

The permanent switch in mode must be manually reset.

1. The timer must be in the Auto operating position. The cursor will then be above (Auto).
2. Press the channel key (A) and hold it down for 3 seconds. A "P" will appear at the channel symbol "A" in the display. The output is now permanently in the On position.
3. In order to obtain a permanent Off position, the timer must first be set to manual On before the channel key (A) is held down for 3 seconds.
4. To interrupt the permanent switch in setting, the key must be held down for 3 seconds and "P" must disappear in the display.

## 2.7 Checks / Erasure

To check entered programmed settings.

1. Press the (↶) cursor key to advance the cursor until it is just in front of (?).
2. Press the (▶) arrow key to leaf through all the programmed positions. The last menu will show the number of vacant storage cells in the memory (max. 30 cells).
3. To erase a programmed setting, press the (CL) key when the appropriate menu is shown in the display.