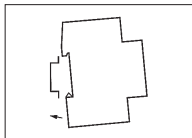


1. Contents

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2. Assembly, putting into operation, connection

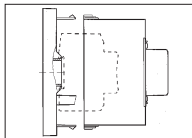


2.1 Assembly

Fit the time switch

- on a DIN rail
- optional wall surface-mounting
Surface-mounting set for 2 and 3 module spacings

Article No. 03.53.0083.2



2.2 Putting into operation

The time and date are set at the factory.
The time switch is in Energy-saving mode.
Only the colon flashes.

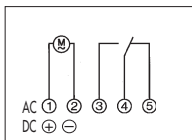


Press any key:

- The time switch is activated
- It displays the time (day of the week)

Note:

If „Reset“ is pressed, all the presettings will be lost.



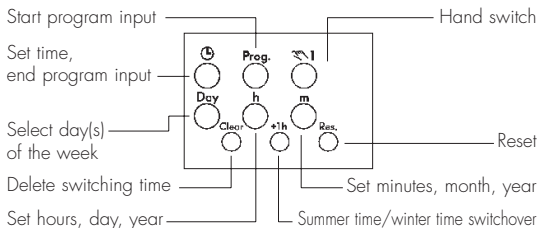
2.3 Connection

See information on the unit!

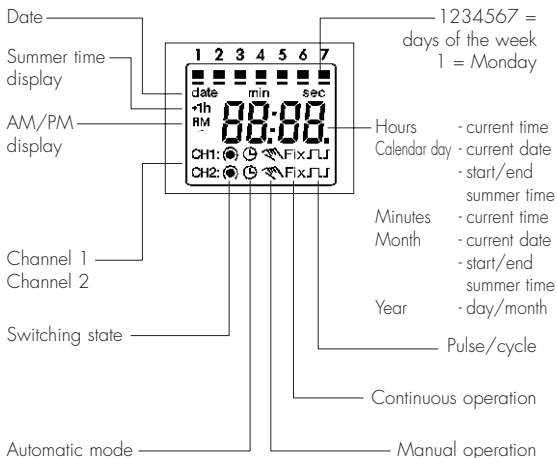
Note:

If no key is pressed the time switch is automatically activated after approx 1 - 2 minutes.

3. Control elements



4. Display



5. Factory settings

The time has been preset.

The indicator in the display will appear after any key is pressed.

Note: If „Reset“ is pressed, all the presettings will be lost.

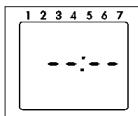
AM/PM switch-over

Switch clock is in current operating mode

1. Press h and keep pressed
 2. – Press Res once
 - all segments are displayed
 - after approx. 1 second the following appears:
AM, 12.00 and 3 (Wednesday)
- Operating mode AU is active = works setting
3. Release h
 4. Set the current time of day and weekday, see 8

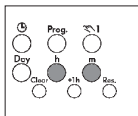
6. Switching commands

You determine the switching times and the switching state for the relevant switching output (channel.) Symbol: CH1: ● (ON) = Channel 1



Select free memory location:

Press the Prog key as often as necessary until --:-- appears.



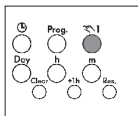
Set the switching times:

With the m key – minutes


With the h key – hours

For weekday adjustment, see:

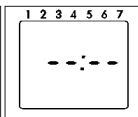
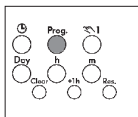
Block formation of weekdays, Point 7



Set the switching state:

With the  key

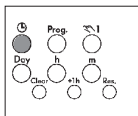
● (ON) or ○ (OFF)



Press the Prog key once.

The input has ended.

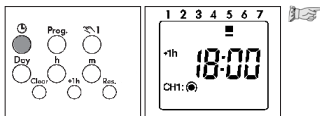
A free memory location is displayed – for other settings or



Press the key  once.

The input is ended.

The display shows the current time.

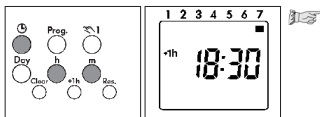


press the key 1 once.
The input is ended.
The display shows the
current time.

8. Time and day of the week

Note:

You can exit/conclude any adjustments, changes you make at any time with the key .

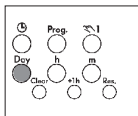


Press the key once

Set the time:

With the h key – hours

With the m key – minutes



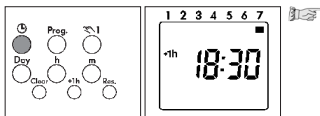
With the Day 1 - Monday

key select: 2 - Tuesday

3 - Wednesday

:

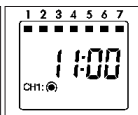
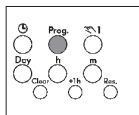
7 - Sunday



Press the key once.
The input is ended.

9. Read – change – delete – reset

- You can read the program contents stepwise
- You can change or overwrite the program contents
- You can delete the program contents

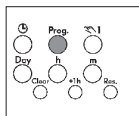
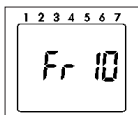


Read



Press the Prog key step by step
Each individual content is displayed until the end of the program.
Then:

- One free memory location
--:--
- One digit (free memory locations)
(ex. Fr 10)

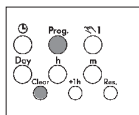


Change



Press the Prog key step by step as far as the switching command/contents which you want to change/overtyp.

Change the switching command/contents: As described in 6. and 7. Weekday block formation



Delete - individual switching commands



Press the Prog key step by step as far as the switching command/contents which you want to delete.



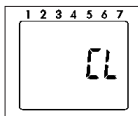
Press the Clear key once.
This switching command is deleted.



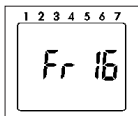
Delete - All switching commands



Press the Prog key as often as necessary until FRxx appears



Press the Clear key once.
CL is in the display



Press the Clear key and hold it down.
All memory locations are deleted!

The display shows the number of the max. memory locations.



Reset



Press the Reset key once

The set date and time are reset.

All segments are visible for approx. 2 seconds, then 00:00 appears.

AU = automatic s/w time changeover














See point 5 and 6 for setting the current date.



10. Hand switch

You change – manually – the current switching state.

However, the individually set switching program is preserved.

 = automatic	 = Manual mode	FIX = continuous operation
  = OFF	  = ON	 FIX = Continuous ON
  = ON	  = OFF	 FIX = Continuous OFF
The switching state corresponds to the entered program.	You change – manually – the current switching state. The next switching command in the program is executed automatically again.	You change – manually – the current switching state. Only with the  key do you switch from continuous operation back to Automatic mode.

11. Technical data

Connection

see unit imprint

Power consumption:

see unit imprint

Switching capacity at 230 V AC

– ohmic load (VDE, IEC)

16 A/250 V AC

– inductive load $\cos \varphi 0,6$

2,5 A/250 V AC

– glow lamp load

1000 W

Switching output

potential-free

Switching contacts

1 changeover contact

Protection class/Protection type

II/IP 20

Running accuracy

± 2.5 s/day at $+20^{\circ}\text{C}$

Running reserve type

Lithium

Running reserve

3 years from factory

Shortest switching time

1 minute

Programmable

every minute

Memory locations

20

Switching preselection

yes

Hand switch

preselection/Fix ON/Fix OFF

Block formation of weekdays

fixe assignment

Summer/winter time switchover

automatic/freely selectable

Connection type

captive $+/-$ screw terminals

Ambient temperature

$-25^{\circ}\text{C} \dots +55^{\circ}\text{C}$

Led sealable

yes