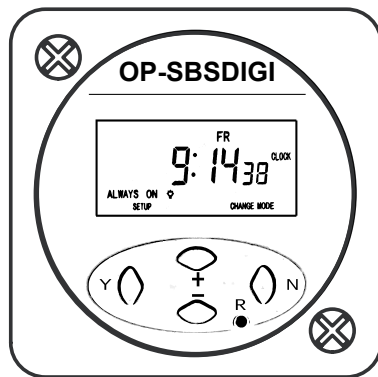## 5. Summer / Winter Setting

1. Press the Y button, then use the + or - buttons to scroll through to "summer" (flashing).

2. Press the Y button again to access the summer time setting.

3. Press the + or - button to change between summer on or off.

4. Press Y to confirm summer setting, time will advance 1 hour.

5. A "SUMMER" icon will appear in the display.

6. Use the same procedure to remove the "SUMMER" icon when reverting to GMT in the winter.

6. Specification

Voltage: 220-240V AC 50-60Hz

Temperature rating T45

Switch type: changeover

Rating:

16A resistive / 4A inductive

Not suitable for direct switching of lighting types: HID, SON, LED—use a contactor

Class II control / Protection class IP20

Complies with European Norm
EN 60730-1: 2011
Automatic Electrical Controls for
Household and similar use,
and European Directives:
LVD; EMC; RoHS

OPTIMUM Socket Box Time Switch

For general purpose use

User instructions

OP-SBSDIGI 24 Hour / 7 Day Digital
Min switching 1 Minute

1. Setting the timer

1. Press the R button to reset the timer to its default settings, activate using a pencil or similar pointed instrument. (pressing R will delete all stored programs)
2. Press Y to enter function setup. (Note: if another button is not pressed within 10 seconds the display will revert to the normal screen).
3. Use the + or - button to scroll to the clock icon (flashing) and press Y to enter the current time setting mode (hours flashing).
4. If you keep the + or - buttons pressed for more than 3 seconds, the display will enter fast scroll mode.
5. Use the + or - button to adjust the hours and press Y to confirm, minutes will flash.
6. Use the + or - button to adjust the minutes and press Y to confirm, day will flash.
7. Use the + or - button to adjust the day and press N to exit.

2. Setting a program

1. There are 24 ON/OFF programs available.
2. Press the Y button twice to enter the programming setting mode.(Note: if another button is not pressed within 10 seconds the display will revert to the normal screen).
3. Default is program 01 ON, this can be changed if required by pressing + or - button to scroll through the 24 ON/OFF programs as required, pressing the Y button will confirm the program.
4. Press the Y button to confirm program 01 ON, hours will flash.
5. Use the + or - button to adjust the hours and press Y to confirm, minutes will flash.
6. Use the + or - button to adjust the minutes and press Y to confirm, days will flash.
7. Apart from individual days of the week, The following day combinations of multiple day blocks can be selected by pressing the + or - buttons.

- Monday to Sunday
- Monday to Friday
- Saturday to Sunday
- Monday to Saturday
- Monday + Wednesday + Friday
- Tuesday + Thursday + Saturday
- Monday + Tuesday + Wednesday
- Thursday + Friday + Saturday

8. Select day or day block as required and press the Y button to confirm.
9. Press the + button, this will select the program 01 OFF, press Y to confirm.
10. Follow 4 to 7 above to set the 01 OFF program (day or day block must be the same as program ON).
11. If no more programs are required, press the N button to exit.
12. If more programs are required follow 3.
13. To cancel a program once set, press and hold the N button for more than 3 seconds when the desired program number is flashing i.e. to cancel program 01 ON, press the Y button twice and hold the N button down for more than 3 seconds to delete. Pressing

The + button again will select 01 OFF.
14. Repeat 13 to delete 01 OFF. This procedure can be repeated to delete any of the 24 programs.
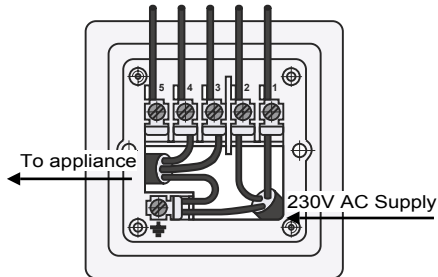
3. Check Program Settings

1. Press Y button twice to enter program mode.
2. Press the + or - buttons to scroll through the 24 ON/OFF programs to check settings.
3. Press the N button to exit and revert to clock mode.

4. Manual Override

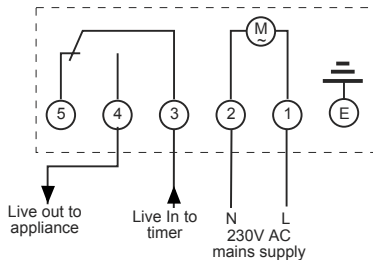When in normal clock mode, pressing the **N** button will scroll through the following switching options.

☼ **ALWAYS ON** - timer is permanently "ON"
☼ **PROG** - timer is in program mode "ON"
☾ **PROG** - timer is in program mode "OFF"
☾ **ALWAYS OFF** - timer is permanently "OFF"

3, Backplate wiring: Example (Volt Free)

To appliance

230V AC Supply

Wiring diagram (Volt Free)

Live out to appliance

Live In to timer

N   L
230V AC
mains supply

E

4. Specification

Voltage: 220-240V AC 50-60Hz

Temperature rating T45

Switch type: changeover

Rating:

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www.tfc-group.co.uk
TFC Group LLP Tonbridge TN9 1TB

⊖PTIMUM   **Socket Box Time Switch**

For general purpose use

Installation instructions

OP-SBSDIGI 24 Hour / 7 Day Digital
Min switching 1 Minute

1. Installation procedure

2. Backplate wiring Example (230V AC 50-60Hz)

3. Backplate wiring Example (Volt Free)

4. Specification

- Timer must not be mounted on a flammable surface.

- Ensure that the timer does not come into contact with any combustible materials such as towels or bedding.

- Ensure at least a 300 mm air space is allowed around the timer.

- The timer should not be mounted on an unearthed metal or metallised surface.

- If the timer is to be connected to an appliance that is required to be earthed the supply earthing conductor and the appliance earthing conductor should be terminated together in the earth terminal provided within the timer.
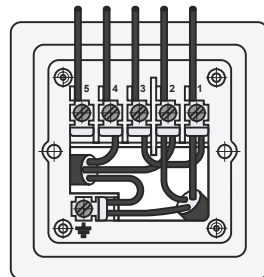
1. Installation procedure

1. Switch the supply off at the mains. Means of disconnection from the supply having at least 3 mm contact separation in all poles must be incorporated in the fixed wiring mains supply.

2. Unscrew the two screws located top right and bottom left of front module cover; remove cover and gently pull module from backplate. Do not put undue stress on, 'or' interfere with fixed blue wires. Bare wires back for 6 mm (1/4 inch) maximum; insert into terminals and secure with the screws, in accordance with circuit diagram label beneath terminals.

3. Fix backplate to socket box.

4. Connect wiring in accordance with wiring diagram.

5. Fit cover over module and reassemble to backplate. Ensuring fixed blue wires are stowed neatly without being trapped.

6. Re-fit and tighten two screws.

7. Switch on mains.

2. Backplate wiring: Example (230V AC 50-60Hz)

Wiring diagram (230V AC 50-60Hz)

L — to appliance
N — mains supply
L
N

OP-SBSDIGI Installation Instructions