




SASWELL SAS908XWHB-7 Thermostat User Manual

[Home](#) » [SASWELL](#) » SASWELL SAS908XWHB-7 Thermostat User Manual 

Contents

- [1 SASWELL SAS908XWHB-7 Thermostat](#)
- [2 Product Information](#)
- [3 Product Usage Instructions](#)
- [4 WIRING](#)
- [5 Technical Information](#)
- [6 Safety, Installation and Technical Information](#)
- [7 Installation Information](#)
- [8 CONTACT](#)
- [9 Documents / Resources](#)
 - [9.1 References](#)



SASWELL SAS908XWHB-7 Thermostat



Product Information

The SASWELL SAS908XWHB-7(SL) is an electrical device designed for indoor use only. It is a Class II or double

insulated electrical appliance, which means it does not require a safety connection to electrical earth (ground). The product is protected against vertically falling water droplets and items of diameter 12.5 mm or more cannot come in and damage it. The product should be delivered to dedicated recycling boxes after use to contribute to the protection of natural resources.

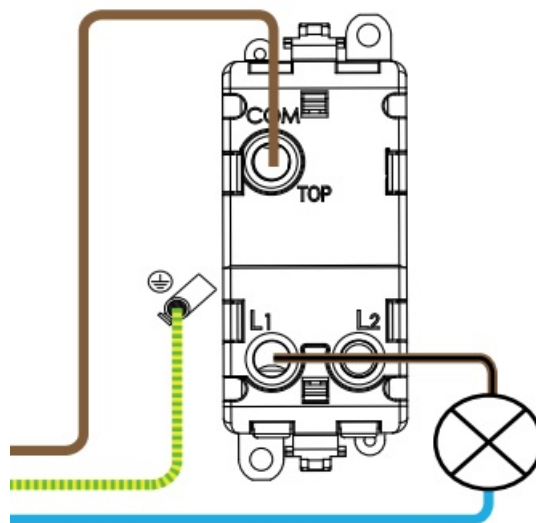
Product Usage Instructions

1. Ensure that the product is used indoors only.
2. Do not allow items of diameter 12.5mm or more to come in contact with the product to avoid damage.
3. The product is protected against vertically falling water droplets.
4. After use, deliver the product to dedicated recycling boxes to contribute to the protection of natural resources.
5. Read the whole user manual carefully before using the product.
6. Follow the default heating schedule of 6 PROG or customize it according to your preference.
7. The user manual is protected by copyright and copying it without permission is prohibited.

WIRING

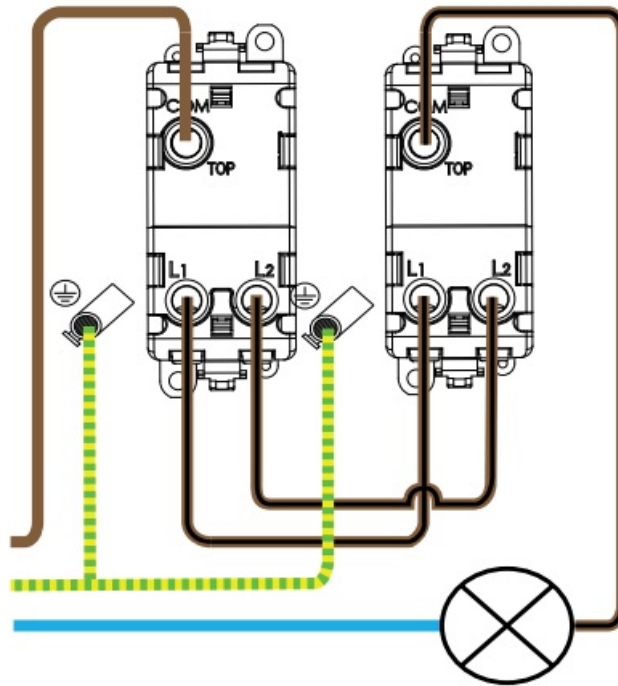
Way Switched Circuit

1 way switching is when a single switch is used to control a single circuit. Typically a 1 way switch will be used but a 2 way switch can also be used. To use a 2 way switch on a 1 way circuit use only the Common and L1 terminals.



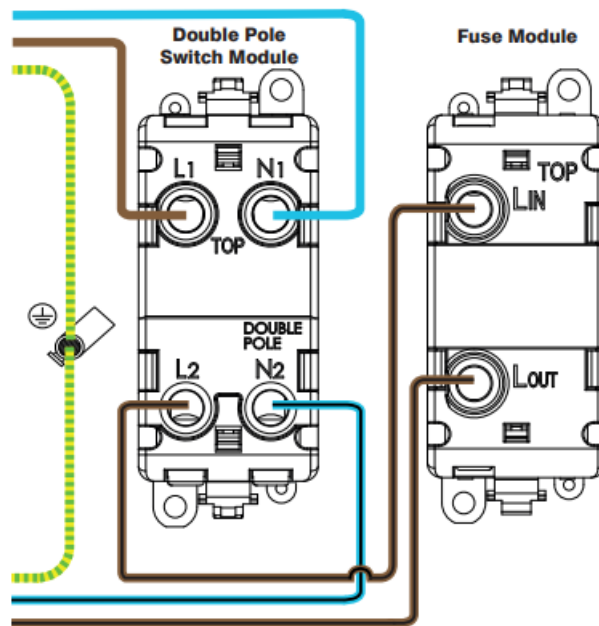
Way Switched Circuit

2 way switching is when a single circuit is controlled by 2 switches, enabling the user to control the circuit from 2 locations. A typical Example is below.



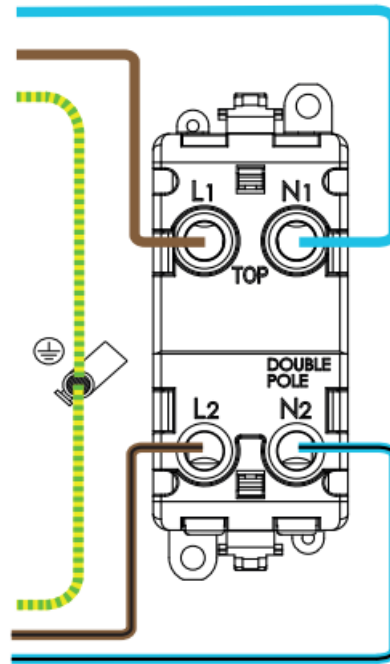
Fused Spur Circuit

A Fused Spur is used when it is needed to protect an appliance from electrical surges.



Double Pole Switch Circuit

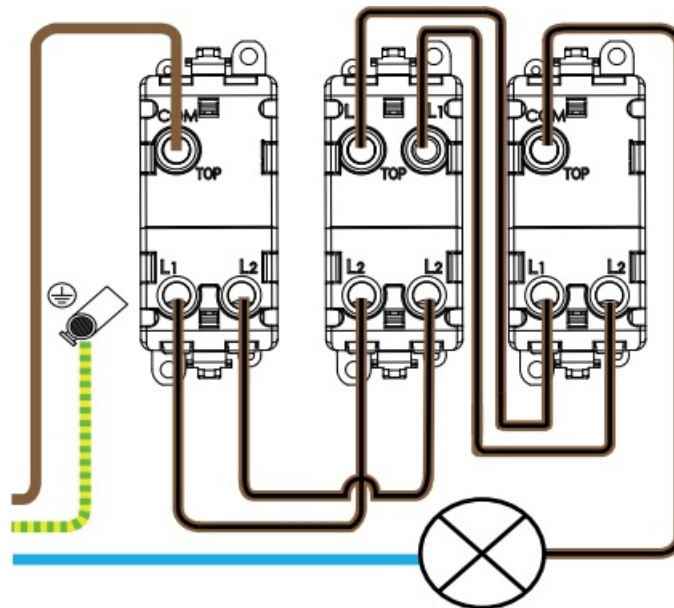
Double Pole switches are used to switch both Live and Neutral simultaneously.



Live ——— Neutral ——— Earth ———
 Switched Live ——— Switched Neutral ———

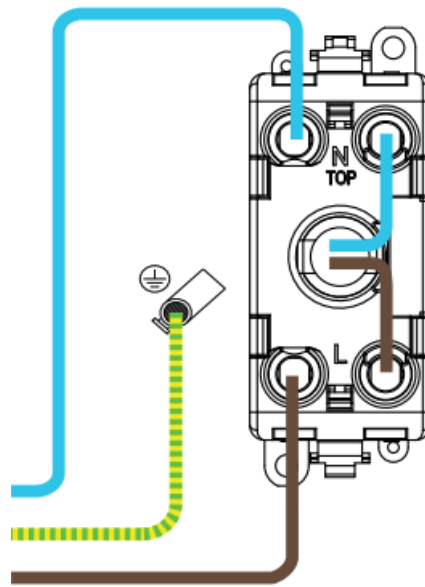
Intermediate Switched Circuit

An intermediate switch allows for multiple switches (2 or more) to be used on a single circuit, meaning a circuit can be turned on or off from different locations.



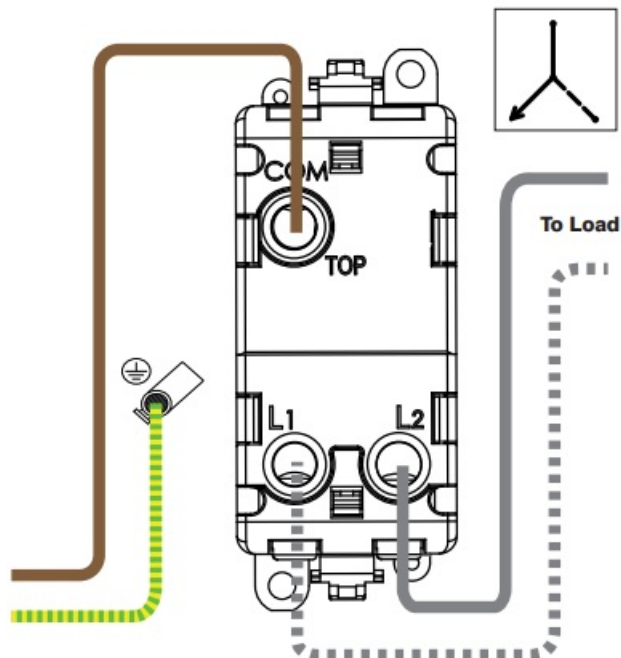
Way Retractive Switch

Retractive switches are used to temporarily make or break a circuit for when only a momentary connection or disconnection is required.



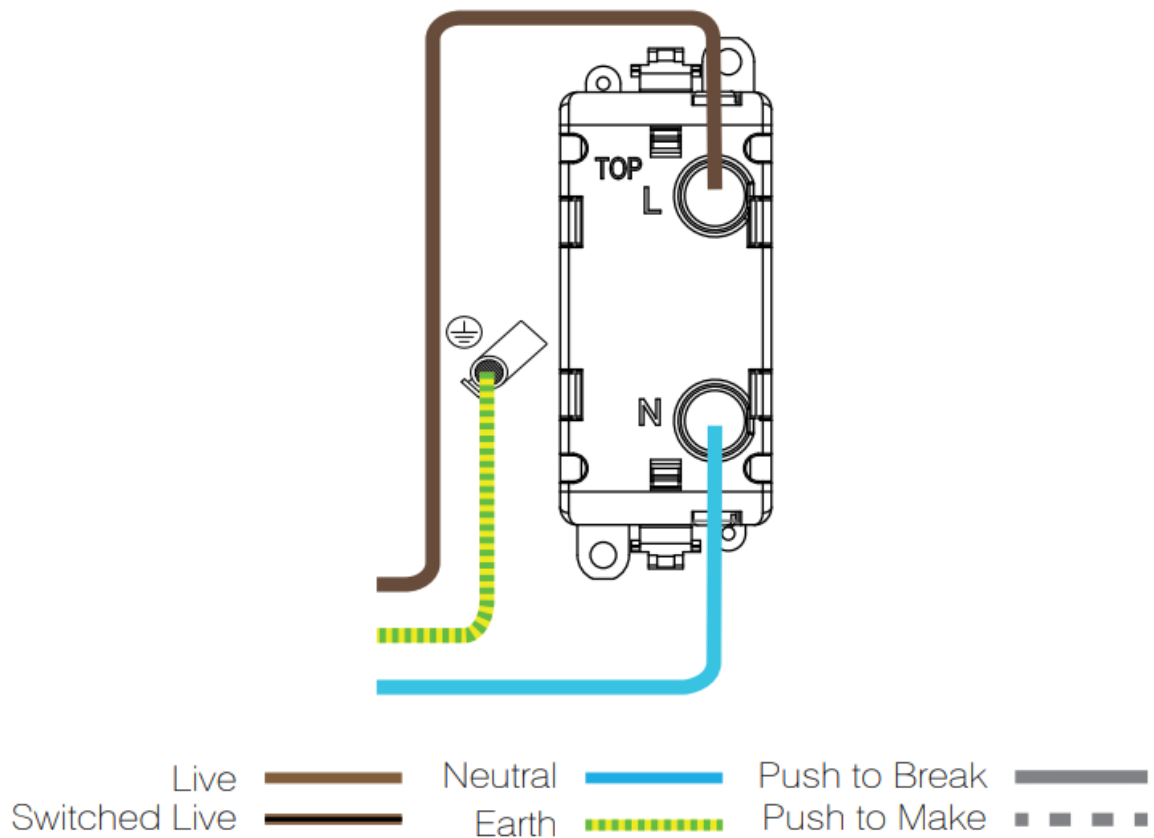
Flex Outlet Wiring

Flex outlet modules are used to provide a convenient outlet for fixed appliances.



Indicator Wiring

Indicator modules are used to visually display whether a circuit is live or not.

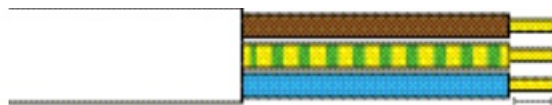


After making the connections, screw the switch plate accessory gently to the back box ensuring no wires become trapped.

Screw the accessory fully home making sure, when done, the plate is not distorted.

Mains Wiring:

- **'L' Live:** Coloured Brown or Red
- **'E' Earth:** Coloured Green/Yellow
- **'N' Neutral:** Coloured Blue or Black



- Conductor lengths may be trimmed in certain applications.
- Decorative accessory plates are not suitable to be mounted onto wet / damp plaster or paint, as this may cause the accessory to tarnish.
- This range is not suitable for outdoor installation or in areas of high humidity.
- For cleaning/polishing of products, use only a soft, dry, clean cloth.

Technical Information

Voltage	240V~ 50Hz
Current Rating	1 Way, 2Way switches : 20AX Double Pole Switches : 20A Fuse Module : 13A Flex Outlet Module : 20A
Terminal Size	4.8mm ø
Torque Value	Terminal Screw: 1.2Nm
Cable Size	3 x 2.5mm ² , 2 x 4mm ² , 1 x 6mm ²
Back Box Depth (Min)	25mm (Mode, Polar, Deco, Deco +) 35mm (Define, Definity)
Operational Temperature	-50 to +45°C
Standards	Switch Modules : BSEN60669-1 Fuse Modules : BS1363/4 Indicator Modules : BS5733 Flex Outlet Module : BS5733

Safety, Installation and Technical Information

Safety Information

Please read the following information carefully before commencing installation.

Before commencing any electrical work, to prevent the possibility of receiving an electric shock, ensure the mains isolator on the consumer unit/fuse board is in the 'OFF' position.

If in any doubt consult a qualified electrician. The accessory plate must be earthed and wired in accordance with the latest IEE Wiring Regulations, BS 7671. Bare earth cables must always be covered with appropriate sleeving and wired to the earth terminal.

Installation Information

Important

If dimmers are being used in the installation it is recommended they are installed first (See Dimmer Mounting Kit instructions).

If replacing an existing accessory, check the layout of the existing terminals. When removing the cables from the terminals, note the cable connections in the terminal to ensure correct wiring of the new accessory.

The mounting box must be of the correct size for the product, metal or plastic. If the back box has four lugs, then the top and bottom lugs will need to be bent back or removed.

Please see Technical Information overleaf for minimum back box depth, range dependant. The cable must be routed through the most suitable entry point of the mounting box, taking note that a suitable protective grommet is recommended should a metal back box be used.

Cables should be prepared to the appropriate lengths (as stated within these instructions) so that the conductor reaches into the terminal, and the earth conductor is the longest. The terminals should be tightened to their appropriate torque value. Do not over-tighten.


CONTACT

Errors & Omissions excluded. Instructions are subject to change without notice.

Scolmore House | Mariner | Lichfield Road Industrial Estate | Tamworth | Staffordshire | B79 7UL | United Kingdom

T: +44 (0)1827 63454 | F: +44 (0)1827 63362 | E: technical@scolmore.com | www.scolmore.com

Documents / Resources

	SASWELL SAS908XWHB-7 Thermostat [pdf] User Manual SAS908XWHB-7 Thermostat, SAS908XWHB-7, Thermostat
---	--

References

- [Index English - controls.eu](#)
- [Sen Controls d.o.o. – Saswell thermostats – Grelci in Saswell termostati za regulacijo ogrevanja](#)
- [Sen Controls d.o.o. – Nadzor ogrevanja in tople sanitarne vode v vašem domu](#)