



IntelliSwitch™

what a bright idea!

IntelliSwitch ST-EC and ST-CC.

Who should install an IntelliSwitch™?

We recommend installation by a **registered electrician**. Dangerous voltages (240VAC) are present on the product and in the house cabling. No responsibility will be taken by eSource Products Ltd for damages or injury caused by incorrect installation or installation by an unqualified person/s.

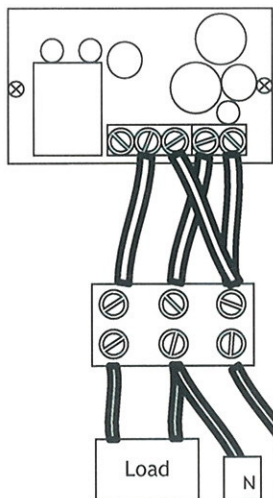
Ratings

Operational voltage	100-240 VAC @ 50-60 Hz
Load capacity	10A Res., 4A Ind. 240VAC
Operating Temp	-10°C to 30°C
Compliance	AS/NZS 3100:2002 AS/NZS CISPR 14,2002
Daily Timer options	3 hr only, 4hr on 8hr off x 2, 5hr on 19hr off, 6hr on 6hr off x 2, on 24 hrs, plus add 4hr option to other existing program.

Installation instructions

1. Electrically isolate the existing switch or socket by **switching off mains to the entire house** at the fuse box.
2. Remove the screw cover of the existing plate, and unscrew the mounting screws.
3. **Before** removing the existing plate and disconnecting the attached wires, look to see how the existing switch is wired to the house wiring.

Identify the phase (red) and neutral (black) wires from the house, and the phase (red or brown) and neutral (black or blue) coming from the load. Label them if needed.



Attach the supplied 3-way connector block to the IntelliSwitch™ as shown.

On the other side of the connector block, wire in the house phase (red) & neutral (black) cables to the spare screw terminals.

Lastly wire in the load (the lights or heater etc.) phase and neutral as shown. The neutral is shared between the house and load. Earth wires can be connected together with a screw connector (not supplied).

Do not over tighten the screw terminals!

Installation in wet areas

IP66 type protection can be achieved by running a thin bead of sealant (RTV) along the back of the IntelliSwitch™ housing before screwing it securely to a flat, smooth, non porous surface. Care should be taken when mounting to ensure that

water cannot bypass the sealant perimeter and come into contact with live parts. Use the screw type cable gland provided if installing an ST-EC.

User Instructions

Important notes about setup

1. There is only one press button on the IntelliSwitch™.
2. A quiet click when the IntelliSwitch™ activates or deactivates is part of its correct function.

How to set the mode

The IntelliSwitch has a range of daily timer options. Decide which option best suits your home.

A. 3 hrs only

1. Press the button once, the first LED is on. The towel rail runs for 3 hours and then stays off.

B. 5hrs once daily

2. Press the button twice, the second LED is on. The towel rail runs for 5 hrs on, 19 hrs off daily.

C. 4 hrs on twice daily

3. Press the button three times, the third LED is on. The towel rail runs for 4 hrs on, 8 hrs off twice daily.

D. 6 hrs on twice daily

4. Press the button four times, the fourth LED is on. The towel rail runs for 6 hrs on, 6 hrs off daily.

E. On 24 hrs

5. Press the button five times, the fifth LED is on. The towel rail runs continuously.

F. Boost (extra time)

6. Pressing the button again anytime adds 4 hours to your chosen cycle, once. Boost mode is indicated by the LED corresponding to the chosen cycle flashing 3 times.

How to turn off

1. Press and hold the button for 2 seconds.

Notes about cyclic modes

1. Set your IntelliSwitch initially at the time you want the cycle to start running on a daily basis. For cycles C and D that operate twice daily, you can set them either in the morning or evening.
2. You can identify which part of the cycle your IntelliSwitch is in. During the *on* part of the cycle all the LEDs will stay *on*, then flash off and on the selected cycle LED, every 5 seconds. During the *off* part of the cycle, the LEDs will **all turn off**, then flash on and off the selected cycle LED every 5 seconds.

Warranty

IntelliSwitch™ switches are warranted against manufacturing faults for 5 years from date of purchase. eSource Products Ltd. is only liable for replacement or repair of the faulty unit and is not liable for any subsequent damages caused or costs incurred. Refer any servicing questions to the supplier you bought it from or call eSource Products.

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