

**PIXIE**  
**Smart Timer Switch G3**  
**STS600BTAM**



Version 1.0  
Date 09/12/2022

**1. Foreword**

IMPORTANT: IN THE INTEREST OF PRODUCT PERFORMANCE AND SAFETY PLEASE READ THESE GUIDE AND WARRANTY INSTRUCTIONS BEFORE INSTALLING THE PRODUCT.



standard terms and conditions of sale, available via [www.sal.net.au](http://www.sal.net.au).

Due to continued product and information updates, product data sourced from [sal.net.au](http://sal.net.au) shall not form part of any contract and or technical performance guarantee unless expressly confirmed in writing by SAL at the time of order. The product wireframe drawings in this document are intended for illustration purposes only and may differ from the final physical product. The installation instruction is subject to change without prior notice.

**2. Product Introduction**

PIXIE Smart Switch G3 is the third generation smart time delay switch, that permits the supply of electricity to the load for a predetermined time duration after being triggered.

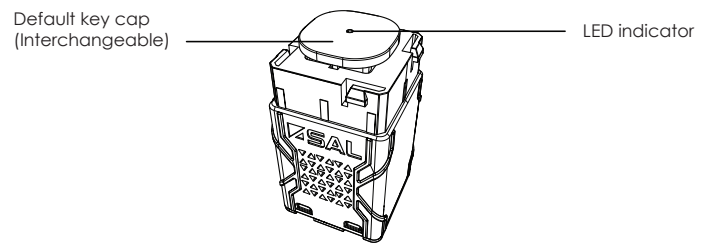
**2.1 Product Features**

- Fits most branded switch plates
- Fits 1 to 6 gang wall plate installation
- Over temperature protection, overload protection, short circuit protection
- Automatically turns off after a predetermined time duration
- Time duration can be programmed manually and via the App. When programming manually, only hourly timer functions can be set, the period is from 1 hour to 24 hours. When programming via the App, the time duration can be set from 1 minute to 24 hours
- Manual override function available
- Multifway control - When pairing multiple PIXIE multifunction control device (e.g. SMF/BTAS) with the same smart Timer Switch, multifway timer control is achieved
- LED indicator can be enabled and disabled in the App
- In the last 1 minute of timer mode, the LED indicator flashes quickly indicating imminent time out

**2.2 The package includes**

- PIXIE Smart Timer Switch G3 \* 1
- Extra key caps \* 2
- Silicon spacer \* 1
- Load correction capacitor \* 1
- Quick Start Guide \* 1

**2.3 Product illustration\***



\*All drawings shown are for illustration purpose only, actual product may vary due to product enhancement.

**3. Specifications**

**3.1 Basic specifications**

Model No.	Input (V)/(Hz)	Min / Max loads	Colour	Dimension L x W x H (mm)	Wireless
STS600BTAM	240/50	9*/600W	Blue	42 x 24 x 24	Bluetooth Mesh Technology

\*Subject to the load's electrical characteristics, the load may require the inclusion of a load correction capacitor given in the product carton

**3.2 Load rating**

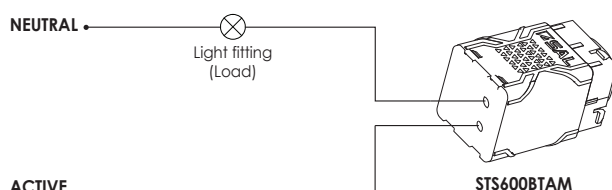
No. of switch	Resistive load (Incandescent/High voltage halogen lamp)	Capacitive load (e.g. LED, CFL)	Inductive load (e.g. exhaust fan)
1	600W	400VA	120VA
2	500W	250VA	100VA
3	500W	200VA	80VA
4	300W	150VA	80VA
5	300W	150VA	60VA
6	200W	100VA	60VA

**3.3 Load compatibility**

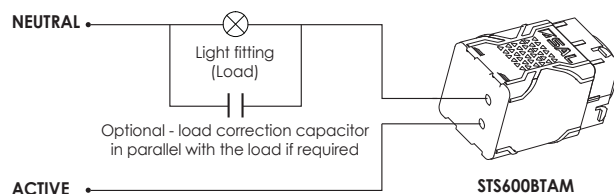
Compatible Loads		
	Incandescent lamp	Yes
	240V halogen lamp	Yes
	Low voltage halogen with electronic transformer	Yes
	CFL	Yes
	LED fixture	Yes

**4. Wiring and Installation**

**STS600BTAM - Standard wiring diagram**



**STS600BTAM - Optional wiring diagram**



The complimentary capacitor given in the carton operates as a load correction device to assist improving compatibility performances.

**Installation process**

- Make sure the key cap compatibility (pry and replace the default key cap if necessary)
- Check and confirm the load compatibility

- Turn OFF the mains electricity supply before commencing installation
- Connect the switch according to the wiring diagram
- Turn ON the mains electricity supply, wait for 10 seconds, then test the switch operation by pressing the switch button.

**5. Operation**

The smart timer switch can work under two modes,

**Timer Mode:** The switch is expected to automatically disconnect the electricity to the load after being turned on for a predetermined time duration.

**Manual override mode:** The switch supplies electricity permanently until further operation to switch off or exit this mode

**Manual setting time duration** (optional, programming in the App is more recommended)

1. Turn off the switch
2. Push and hold the button for 10 seconds, the LED indicator will start to slowly cycle indicating the programming mode has launched
3. To program, press the button between 1 and 24 times according to the desired delay in hours. E.g. 8 presses will result in a delay of 8 hours. Pressing more than 24 times will result in a time duration of 24 hours. Programming mode expires 10 seconds after the last button press. At this time the new timer duration is saved. (Note: If no button press is detected in programming mode, the time duration will be unchanged.)

**Manual setting time pairing** (optional, for multi-way time delay control)

1. Turn off the switch
2. Quickly press the button of STS600BTAM 4 times, make sure the LED indicator is flashing in blue and white
3. Quickly press the button of SMF/BTAS or SMRM/BTAS 4 times within 30s. When their LED indicator flashe twice and then remain lit for 2s, the pairing is successful.

Note: If the STS600BTAM changes HOME setup in the App or reset to factory, the pairing process will need to be repeated.

**When in off state**

Operation	Function Description	LED Indicator
1 Click	Turn on the switch and start timer mode	Quickly flash for 5s then flash every 3s
4 Clicks	Enter pairing mode, this mode stays 30s	Quickly flash in blue and white for 30s
Long press for 2 seconds then release	Turn on the switch in an untimed manner (manual override mode)	Static high brightness
9 Click	Reset all the settings to factory	Flash in blue and white 3s then stay lit for 2s

**When in timer mode**

Operation	Function Description	LED Indicator
1 Click	Turn off the switch and cancel timer	Static low brightness
2 Clicks	Keep switch on, timer will count again	Quickly flash for 5s then flash every 3s
Long press for 2 seconds then release	Enter manual override mode, the switch stays on in an untimed manner	Static high brightness

**When in manual override mode**

Operation	Function Description	LED Indicator
1 Click	Exit manual override mode, start timer	Quickly flash for 5s then flash every 3s
Long press for 2 seconds then release	Turn off the switch, exit manual override mode	Static low brightness

**6. How to download App**

Scan QR code or go to App store (IOS) or Google Play (Android) to download the free PIXIE app to your smart phone.

- IOS: Requires IOS 6.0 or later. Compatible with iPhone, iPad and iPad touch
- Android: Requires Android 4.4 or above, devices must support Bluetooth 4.0 Specifications above are for reference only and may vary without prior notice.



**7. Warranty**

In accordance with SAL's standard terms and conditions of sale, SAL warrant this product to be free from defects in materials and or workmanship for a period as stated below for goods not subject to incorrect installation, maintenance, operation, mishandling, environmental, unauthorised modifications or electrical operating conditions outside the nominated product specification as detailed in these installation instructions. The benefits to you given by this warranty are in addition to other rights and remedies you have under law. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

**Warranty term** – Residential usage (12) months, Commercial usage (12) months

**7.1 How to make a claim?**

**Step #1** – Within 30 days of the fault discovery, please contact the original place of the SAL product purchase during standard (local) business hours, with the following information (a) proof of purchase (b) description and quantity of the claimed fault (c) address of installation. (d) operating hours of the product.

**Step #2** – It is then the responsibility of the original place of product purchase to report the matter to SAL aftersales;

NSW   ACT	SAL National Pty Ltd, 40 Biloela Street Villawood NSW 2163	P # 02 9723 3099
QLD	SAL National Pty Ltd, 36 Whitelaw Place Richlands QLD 4077	P # 07 3879 5999
VICT   TAS   SA   NT	SAL National Pty Ltd, 46-48 Keys Road Moorabbin Victoria 3189	P # 03 9532 3168
WA	SAL National Pty Ltd, 29 Beringarra Av Malaga WA 6090	P # 08 9248 7458

**Step #3** - Upon review of your claim and if the product is required to be returned to SAL for technical evaluation, then at the owners expense the product must be returned to SAL as per the above nominated locations.

**Step #4** - Pending the evaluation, the claim will be validated resulting in the product being repaired or replaced with the same or best equivalent product at the discretion of SAL, or rejected if the product fault was found to be caused by conditions beyond the responsibility of SAL warranty obligations. Consideration of installation, product removal, return freight and or testing fees are not the responsibility of SAL.

**8. Scan QR code to get full installation instruction**

