

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



SAL products are designed in accordance with all mandatory International and Australian Standards, which require installation by a qualified installer and regular cleaning and maintenance of the equipment. Products are sold in accordance with the following instructions and SAL standard terms and conditions of sale, which are available via www.sal.net.au.

Due to continued product and information updates, product data sourced from 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.

PUSH BUTTON SMART TIMER SWITCH STS350BT product electrical and installation specification effective 24/2/2020.

Model No.	Input (V)/(Hz)	Min / Max loads	Colour	Dimension L x W x H (mm)	Wireless
STS350BT	240/50	13*/350W	White	40 x 24 x 38	Bluetooth Mesh Technology

*Subject to product capability, this size load may require the inclusion of the LOAD capacitor included in the product carton.

Nominal frequency (Hz)	50	Product installation orientation	Horizontal wall mount
Operating ambient min/max (°C)	0 to 40	Product application	Interior residential or commercial
Operating humidity	10% to 85% RH, NC	Pixie connectivity	Yes
Storage ambient limit (°C)	0 to 40	IP rating*	20
Storage humidity	10% to 85% RH, NC	Attachment type	N/A

IP rating for interior products: The designated IP rating is "from below the ceiling" unless otherwise specified.

IP rating ALL products: Termination of the product must be made in accordance with the IP rating.

MULTI-GANG DE-RATING (maximum 3 x gang configuration)

No. of switch	Resistive load (Incandescent lamp, High voltage halogen lamp)	Capacitive load (e.g. LED, CFL)	Inductive load (e.g. exhaust fan)
1	350W	200VA	80VA
2	280W	150VA	60VA
3	210W	100VA	40VA

LOAD COMPATIBILITY

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

Specific installation procedures & feature:

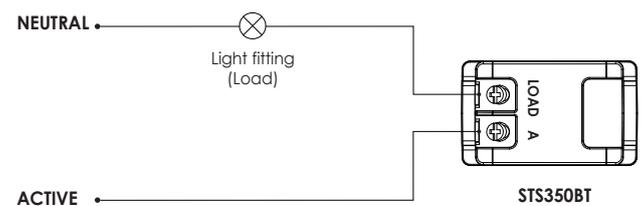
Features:

- Fits most branded switch plates
- 2-wire time delay switch, with relay in-built
- Over temperature protection, overload protection, short circuit protection
- Complies with Australian and New Zealand Standard: AS/NZS 60669.2.1
- Timer duration from 1 minute to 24 hours
- Timer duration can be programmed manually and via the App
When programming manually, only hourly timer functions can be set, and the period is from 1 hour to 24 hours. When programming via the App, the available timer range is from 1 minute to 24 hours
- Manual override function
- Smartly controlled & setup in PIXIE/PIXIE PLUS app
- Multiway control - When pairing multiple SMF/BT or SMC/BT with the same PIXIE Smart Timer Switch, multiway timer control is achieved
- More smart applications in scene, schedule and group control
- LED indicator can be enabled and disabled in the app
- Programming timer duration is only available when the STS350BT is not in timer mode. Please set up the timer duration before use
- In the last 1 minute of timer mode, the LED indicator will flash quickly indicating imminent time out

Installation instructions:

- Turn OFF the mains electricity supply before commencing installation
- Check the load compatibility
- Connect the switch according to the wiring diagram
- Turn ON the mains electricity supply, then test the switch operation by pressing the switch button.

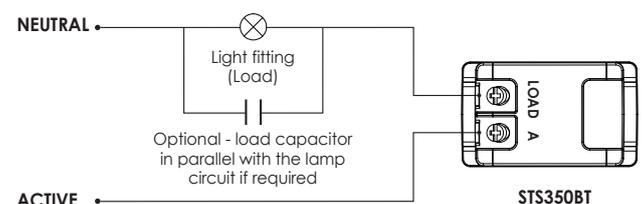
STS350BT - Standard wiring diagram



Complimentary load capacitor provided:

- The STS350BT is a 2 wire product, the capacitor provided in the carton operates as a load correction device to assist achieving minimum load levels and improve compatibility performances.

STS350BT - Optional wiring diagram



Operation:

When in off state

Operation	Function Description	LED Indicator
1 Click	Turn on the switch and start timer mode	Quickly flash 5 seconds then flash every 3 seconds
4 Clicks	Enter pairing mode, the pairing mode will last for 30 seconds	Quickly flash blue and white for 30 seconds
Long press for 2 seconds then release	Turn on the switch in an untimed manner, this is manual override mode	Go to static highlight
9 Clicks	Reset all the settings to factory	Flash blue and white for 3 times then stay lit for 2 seconds

When in timer mode

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

When in manual override mode

Operation	Function Description	LED Indicator
1 Click	Exit manual override mode, start timer	Quickly flash 5 seconds then flash every 3 seconds
Long press for 2 seconds then release	Turn off switch, exit manual override mode	Go to static low light

Manual setting - Program timer duration (optional, programming in the app is more recommended):

1. Turn off the switch
2. To enter the programming mode, push and hold the button down 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. For example, 8 presses will result in a delay of 8 hours. Pressed more than 24 times will result in a timer duration of 24 hours being stored. Programming mode expires 10 seconds after the last button press. At this time the new timer duration is stored in memory.

Note: if no button presses were detected, the timer duration will be unchanged.

Manual setting – Pairing (optional, applicable for multi-way time delay control):

1. Turn off the switch
1. Launch the pairing mode by quickly pressing the button of STS350BT 4 times. When the LED indicator flashes in blue and white continually, the pairing mode has launched.
2. Quickly press the button of the SMF/BT or SMC/BT 4 times within 30 seconds. When the LED indicator of the SMF/BT or SMC/BT flashes twice and then remains lit for 2 seconds, pairing is successful.

NOTE: If the STS350BT changes HOME setup in the app or reset to factory, the pairing process will need to be repeated.

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



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 – Twelve (12) months for commercial use and twenty-four (24) months for residential use from date of purchase.

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 QLD	– 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.

