

# AX-TLED-SP

Plate Temperature Setpoint Transmitter

# AXIO

## Product Overview

The AX-TLED-SP range of plate setpoint transmitters interface with a wide variety of BMS control equipment. These sensors provide a cost effective setpoint solution with a stepped 0-10V setpoint output.

Units are available with high quality thermistor elements. They are supplied on a brushed stainless steel plate and mount on a standard single-gang flush-mount back box.



## Features

- 10K3A1 Trend sensor (contact sales for alternatives)
- Security screws suitable for anti-ligature applications
- Attractive stainless steel plate
- Stepped 0-10V setpoint output

## Product Specifications

Power Supply	24Vac/dc
Setpoint output	0-10V in 9 steps
Temp sensor output	10K3A1
LED setpoint indication	4 Blue, Green mid-point (5V out), 4 Red
Reset Input	24V
Terminals	Rising clamp for 0.5-1.5mm <sup>2</sup> cable
Ambient Temperature:	0°C to 40°C
Fittings	Security screws suitable for anti-ligature applications
Plate Dimensions	86 x 86mm
Country of Origin	United Kingdom

## Order Codes

AX-TLED-SP	Plate Temperature Setpoint Transmitter
AX-TLED-TEMP	Plate Temperature - 10K3A1
	Contact sales for alternative thermistor options



AX-TLED-TEMP

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## Installation

The AX-TLED-SP transmitter should be installed by a suitably qualified technician in conjunction with any guidelines for the equipment which it is to be connected to. Field wiring should be installed to satisfy the requirements set out by the manufacturer of the equipment that the sensor is being connected to. As a general rule, screened cable should be used to connect the sensor to a BMS or other controller. Please note that none of the AX-TLED-SP transmitters are suitable for use with mains voltage. The AX-TLED-SP is designed to be fixed directly to a standard single gang flush mounted back box.

## Actions

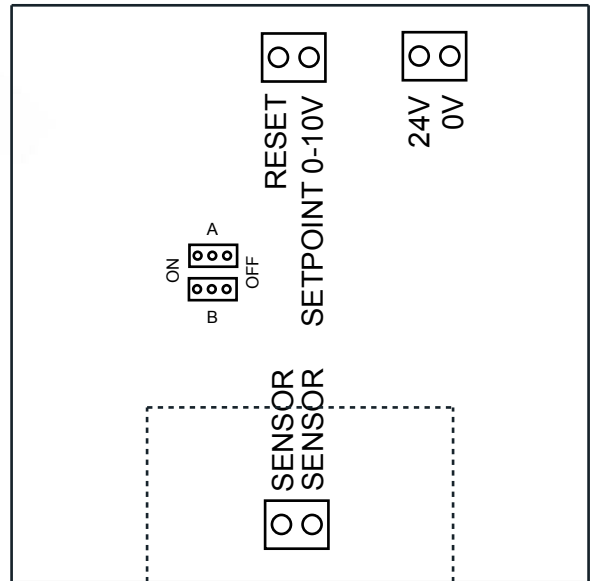
Press < to reduce setpoint and press > to increase setpoint. Outputs shown opposite. Setpoint resets to middle position at power on

## Reset

The setpoint can be reset to the middle position by applying a 24V input to the reset terminal or after a predefined time, see jumper table. Auto reset timer restarts every time setpoint changed.

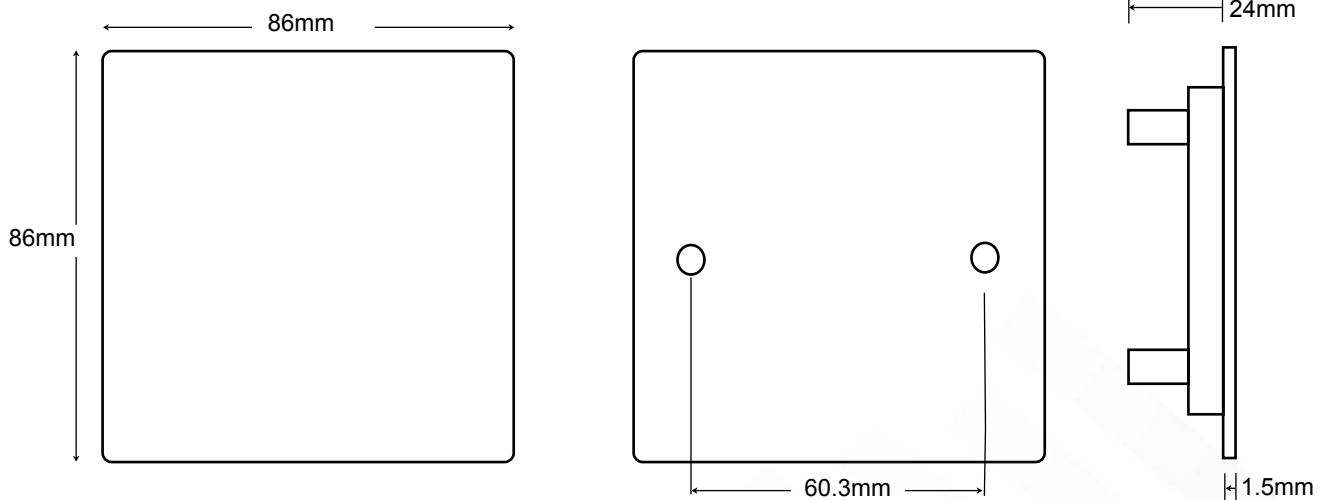
A	B	JUMPER
OFF	OFF	EXT RESET ONLY
OFF	ON	1 HOUR AUTO RESET OR EXT RESET
ON	OFF	4 HOURS AUTO RESET OR EXT RESET
ON	ON	8 HOURS AUTO RESET OR EXT RESET

## Connections



STATE	LED	VOUT	
X	NONE	0	NO POWER
-4	BLUE	1	
-3	BLUE	2	
-2	BLUE	3	
-1	BLUE	4	
SP	GREEN	5	
1	RED	6	
2	RED	7	
3	RED	8	
4	RED	9	

## Plate Dimensions



## Datasheet Contents

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