



Product overview

The Axio AX-PETL is a multi time electronic time switch with a four digit blue LCD display and an external inhibit input. The extension time is set by simply pressing the 'Time Set' button, which also causes the set time to be displayed. Pressing the 'Start-Stop' button once starts the countdown and the display then shows the time remaining. Pressing the 'Start-Stop' button during the countdown cancels the timer. The unit can be used to provide energy savings in ventilation, heating, lighting, etc. installations and is ideal for applications where a simple interface is required.

Features

- Various selectable time ranges
- 24Vac or 230Vac powered
- Hold input
- Digital display of time set / remaining
- Fits a standard one gang back box (UK)
- Simple operation

Product specifications

Power Supply	24Vac/dc $\pm 10\%$ or 230Vac $\pm 10\%$
Output	SPNO relay rated for 6A @ 230Vac (Resistive)
Time Selection	1, 2, 4, 5, 10 hours and 99 minutes - link selectable
Display	4 digit 9mm LCD with blue backlight
Protection	IP40, dependant on installation
Hold input	Volt free contact only (not galvanically isolated)
Terminals	Rising clamp for 0.5-1.5mm ² cable
Ambient Temperature Range	0 to 50°C
Dimensions	85(W) x 85(H) x 30(D)mm (Maximum including front plate)
Weight	90gms
Country of Origin	United Kingdom

Order codes

AX-PETL Plant Extension Timer with LCD display, 24Vac/dc or 230Vac supply

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Datasheet contents

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Installation

The unit should be installed by a suitably qualified technician in conjunction with any guidelines for the equipment it is to be connected to and any local regulations. Field wiring should be installed to satisfy the requirements set out by the manufacturer of the equipment that the module is being connected to.

Connections must be made using the appropriate drawing shown opposite.

Operation

The extension time is set by pressing the TIME SET button, the display flashes and shows the extension time set. Pressing the START-STOP button once will energise the relay, and the display will show the time remaining. Pressing the button START-STOP during the countdown cancels the timer.

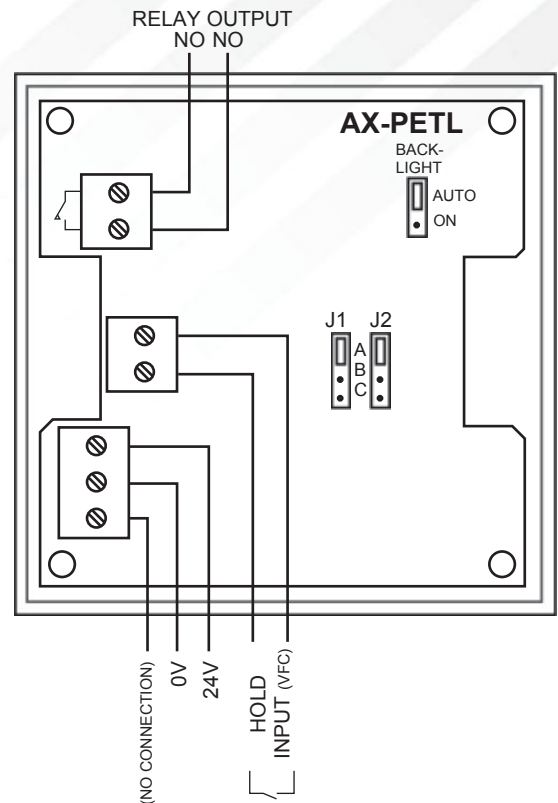
If a connection is made across the Hold input, the count down will stop until the connection is removed. (Warning - The Hold input may be at supply potential). The time display flashes Hold to indicate the countdown is on hold. It is recommended to use a signal relay or switch for the Hold input if used. This must be a volt-free connection.

The display back-light will turn off at the end of the end of the extension time. If the back-light is required to be on at all times, move the back-light jumper from Auto to On.

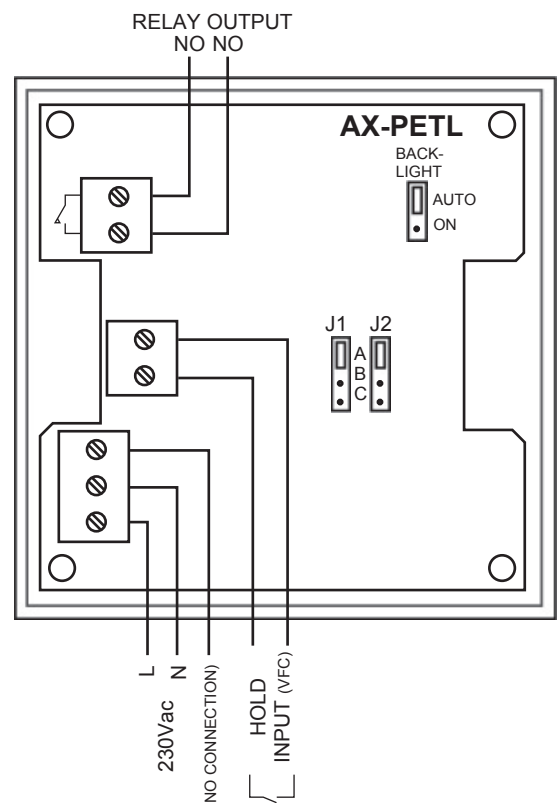
Jumper settings

J1	J2	
A	A	1 hour in 10 minute steps
A	B	2 hours in 15 minute steps
A	C	4 hours in 20 minute steps
B	A	5 hours in 30 minute steps
B	B	10 hours in 1 hour steps
C	A	1 hour only
C	B	2 hours only
C	C	99 minutes only

Connections - 24Vac/dc only



Connections - 230Vac only



Warning

The Hold input is not galvanically isolated from the input supply. All wiring, insulation and connections must be rated accordingly for 230V.