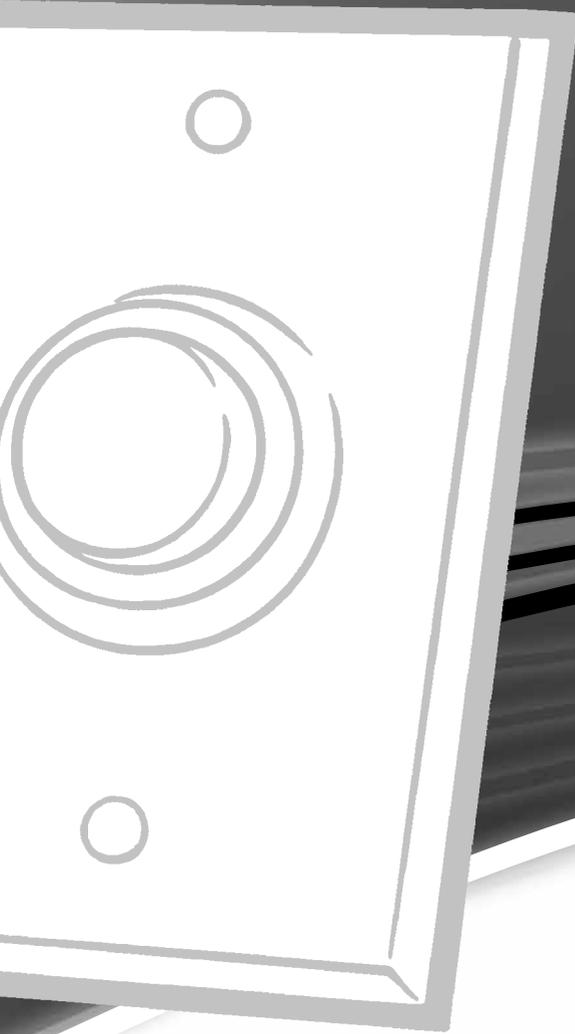


**CLIPSAL**<sup>®</sup>

by **Schneider** Electric



**Pneumatic  
Timer  
319 Series**



Installation Instructions

## Product Range

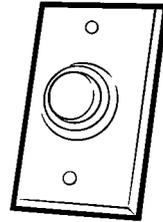
<b>319</b>	Time Delay Switch, Pneumatic, 250V a.c., 50Hz, 10A-6AX
<b>319N</b>	Time Delay Switch, Pneumatic, 250V a.c., 50Hz, 10A-6AX (c/w Neon)
<b>319X</b>	Time Delay Switch, Pneumatic, 250V a.c., 50Hz, 10A-6AX (c/w Extra Switch)
<b>319RA</b>	Time Delay Switch, Pneumatic, 250V a.c., 50Hz, 10A-6AX (Reverse Action, NC)
<b>319HP</b>	Time Delay Switch, Pneumatic, 250V a.c., 50Hz, 10A-6AX (Hose Proof)
<b>319HPRA</b>	Time Delay Switch, Pneumatic, 250V a.c., 50Hz, 10A-6AX (Hose Proof, Reverse Action, NC)
<b>E319</b>	Time Delay Switch, Pneumatic, 250V a.c., 50Hz, 10A-6AX (BS Format)

## Description

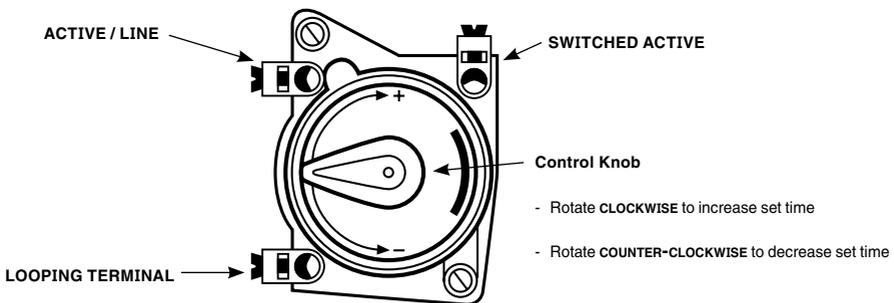
The Clipsal 319 Series Pneumatic Timer is an air-valve operated time delay switch, capable of offering the installer adjustable time delays in the range of 30 seconds to 20 minutes. The unit allows convenient activation, whilst also ensuring that lighting and other loads are switched off when not in use.

The unit is ideal for applications such as hallways and stairwells, common access areas and rest rooms. It is rugged and robust, and is specifically designed to withstand harsh treatment in high traffic areas.

The hose proof model (319HP) carries an IP56 rating, and is ideal for both indoor and outdoor wet areas including bathrooms, laundries, atriums, saunas, hot tubs, pool and spa pumps.



## Wiring Diagram



(Not internally connected to switch)

## Important Warning

It is illegal for persons other than an appropriately licensed electrical contractor or other persons authorised by legislation to work on the fixed wiring of any electrical installation. Penalties for conviction are severe!

## Unit Operation

Press the activation button all the way in to turn on the load. The load will stay on for the duration of the set time delay (the button returns all the way out).

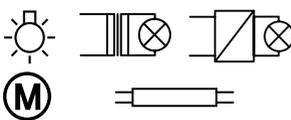
## Time Adjustment

This product is primarily designed for settings up to 10 minutes. But with care, longer delays up to 20 minutes may be attainable. The factory setting is approximately 2 minutes.

For adjustment, carefully rotate arm at rear of switch by small increments.

### IMPORTANT NOTES:

- This time delay switch operates on the air bleed principle and therefore it is not possible to calibrate precisely. The timing will vary slightly with manufacturing tolerances, air temperatures, relative humidity, and barometric pressure.
- When adjusting the time delay period, exercise care not to wind the adjuster too far in, otherwise you may damage the air valve.
- When adjusting the time delay period also exercise care not to wind the timer out too far. If the screw and spring pops off the back of the unit, then the product will be rendered unusable, and must be replaced.

Parameter	Value
Nominal Operating Voltage	250V~, 50/60Hz
Maximum Load	10A Resistive/Inductive 6AX Capacitive/Fluorescent
Time Delay Technique	Pneumatic
Time Delay Range	30 seconds to 20 minutes
Compatible Loads	 <p>Incandescent lighting (10A) Halogen 240V lamps (10A) Low voltage lighting with electronic transformers (10A) Low voltage lighting with iron-core transformers (10A) Fluorescent Lighting (6AX) Small Motor Loads (M63)</p>
International Protection Rating	IP56 (319HP, 319HPRA only)
Operating Temperature Range	0 to 40°C
Operating Humidity Range	10 to 90% R.H.
Mounting Centres	84mm Australian Pattern Plate 60.3mm British Standard Pattern Plate
Specifications Typical @ 25°C ± 5°C	
No User Serviceable Parts Inside	

## Warranty Statement

1. The benefits conferred herein are in addition to, and in no way shall be deemed to derogate; either expressly or by implication, any or all other rights and remedies in respect to the Clipsal Product, which the consumer has under the Commonwealth Trade Practices Act or any other similar State or Territory Laws.
2. The warrantor is Clipsal Australia Pty Ltd of 33-37 Port Wakefield Road, Gepps Cross, South Australia 5094. Telephone (08) 8161 0511. With registered offices in all Australian States.
3. This Clipsal Product is guaranteed against faulty workmanship and materials for a period of one (1) year from the date of installation.
4. Clipsal Australia Pty Ltd reserves the right, at its discretion, to either repair free of parts and labour charges, replace or offer refund in respect to any article found to be faulty due to materials, parts or workmanship.
5. This warranty is expressly subject to the Clipsal Product being installed, wired, tested, operated and used in accordance with the manufacturer's instructions.
6. All costs of a claim shall be met by Clipsal Australia Pty Ltd, however should the product that is the subject of the claim be found to be in good working order, all such costs shall be met by the claimant.
7. When making a claim the consumer shall forward the Clipsal Product to the nearest office of Clipsal Australia Pty Ltd with adequate particulars of the defect within 28 days of the fault occurring. The product should be returned securely packed, complete with details of the date and place of purchase, description of load, and circumstances of malfunction.

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### Clipsal Australia Pty Ltd

A member of Schneider Electric

Contact us: [clipsal.com/feedback](https://clipsal.com/feedback)

National Customer Care Enquiries:

**Tel 1300 2025 25**

**Fax 1300 2025 56**

**clipsal.com**

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