400NE Columbus Electronic Push Button Timer – Two wire

The 400NE Columbus Electronic Push Button Timer is part of the Elkay family of switches, timers and detectors which save energy and increase convenience in and around your home or business premises.

Product Description

The Elkay 400NE Columbus Electronic Push Button 2 wire timer is a general-purpose wall mounted timer providing automatic energy saving control for lighting by timing power source OFF and avoiding unnecessary power usage when circuit functions are not required. It is a reliable, easy to fit and cost-effective electronic time delay switch and is the electronic version of the well-established 400A Columbus pneumatic timer. The newly designed activation button with protection collar prevents damage due to heavy handed misuse. The product offers precise and extended timing. This Elkay Timer is an energy saving device to switch a variety of lighting loads ON for a pre-set time from 20 seconds to 25 minutes using the manually adjustment timing potentiometer.

The unit provides easy loop in and loop out, Live In and Live Out connections. The product requires **no neutral.** It fits easily into a British Standard back box with 16mm minimum depth and can be interlinked in parallel for multiple switching and is the perfect retrofit product to replace any standard single gang ON/OFF light switch.

Push the button once to switches ON and begin the time delay sequence before it automatically switches OFF.

A Capacitor may be needed across the Lout & N of the lighting load when switching some low wattage loads such as certain compact fluorescent and LEDs. This 2-wire electronic timer is the first timer can be used with contactors if a Capacitor (PFCC-1) is added in circuit at the A1 and A2 of the contactor. More details from Elkay Technical or our website.

Typical Product usage

The 400NE Columbus Electronic Push Button 2 wire is commonly used to control all types of internal lighting loads from LEDs, Fluorescent, Compact Fluorescent, Resistive and Incandescent and is a perfect solution for use in areas such as communal areas, stairways, hallways, cupboards, and storerooms.

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Key features

- Load rating: 5A all load types for Lighting – LEDs, Fluorescent, Compact Fluorescent, Incandescent & Resistive (may require a Capacitor PFCC-1 for some types of low wattage/low voltage loads)
- 2 wire (Live In and Live Out)
- No Neutral required
- Can be interlinked with other 400NE timers for 2-way switching.
- Can be used with contactors provided a Capacitor is connected.
- Fits into 16mm depth back box.
- Re-start timing sequence at any time
- Timer settings from 20 seconds to 25 minutes
- Can be retrofitted into any type of lighting wiring circuit.

Technical Specification

- **Voltage:** 240V a.c.
- **Frequency:** 50/60Hz
- **Timing:** 20 seconds to 25 minutes
- **Connections:** Live In | Live out |
- **Loading**: Up to 5A all lighting load types
- **Marking:** CE & UKCA
- **Terminal Capacity**: 2.5mm²
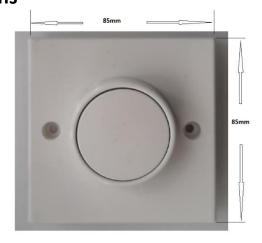- **Standards:** BS EN 60669, 60669-1, 60669-2-1, 60669-2-3.
- **Power Consumption**: 0.4W
- **Material:** Flame Retardant ABS / UV Resistant
- **Compliances:** RoHS compliant, WEEE Policy, ISO9001, ISO14001.
- **Total Product Weight (each): 142g**
- **Total Plastic Weight (each): 47g**

*All lighting load type switching means that all load types such as LED, Fluorescent, Compact fluorescent, Incandescent and Resistive can be switched at 5 Amps (1150W) without the need to derate.

Dimensions -

Amendments Record

Action	Date
Draft Issue	16/06/2021