

# Technical section

## Wiring diagrams

### Columbus® Pneumatic Timer

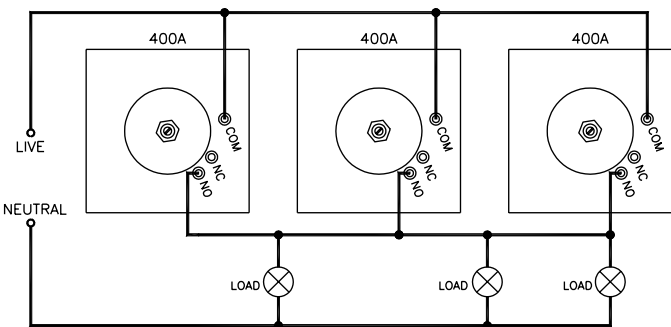
#### Columbus® Pneumatic Timer fitting

400A Single contact push button timer  
400A-3 Double contact push button timer

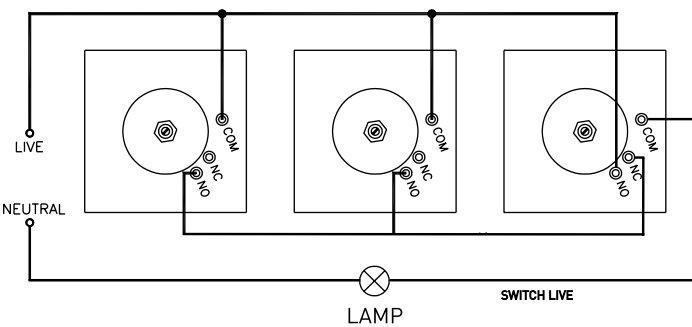
#### Rating at 240V a.c.

- |                |             |                       |    |
|----------------|-------------|-----------------------|----|
| – Incandescent | 6A          | – Compact Fluorescent | 3A |
| – Resistive    | 6A          | (max 6 Fittings)      |    |
| – Time Delay   | 5sec - 5min | – Fluorescent         | 3A |
|                |             | (max 6 Fittings)      |    |

Typical Circuit for Corridor Lighting  
(i.e. Lights will stay on until last timer goes off)



Typical Circuit for Staircase Lighting where the Live and Switch Live are at different positions



### Columbus® Electronic Timer

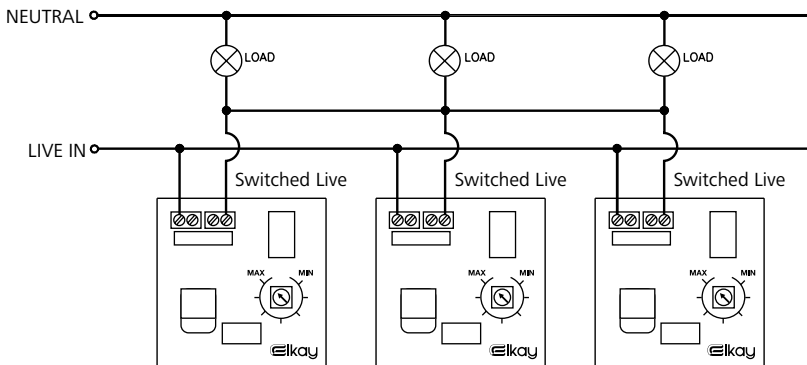
#### Columbus® Electronic Timer fitting

400E

#### Rating at 240V a.c.

- 2A All load types
- Time delay 20sec - 25min

Typical Circuit for Corridor Lighting  
(i.e. Lights will stay on until last timer goes off)



**NOTE:** Capacitor will be required when switching compact fluorescent or very low power lighting. For example: 2D fittings, energy saving lamps, LEDs or any low power consuming loads and must be used across contactors.

**IMPORTANT NOTICE:** All wiring should be carried out by a competent person or a qualified Electrician in accordance with the current IET Wiring Regulations. If you believe the unit is faulty call Elkay technical on 01675 468200 or return to place of purchase.