# PC734-D2M

## DALI 2 Switch Interface

# Prolojik

The Prolojik PC734-D2M is a compact DALI 2 addressable interface for the connection of light switches. Either retractive or latching switches may be used.

Designed for easy installation, the Prolojik PC734-D2M switch interface has been developed to complement Prolojik addressable lighting control modules and hubs.

The interface has been designed for minimum installed depth, making it ideal for installation into a switch backbox.

### Key Features

- O   Connection of 2 centre-biased two way and off retractive switch or 4 latching switches
- O Remote addressing
- O Fits 35mm deep switch backbox
- O Push fit terminals for quick connection

### Accessories

- O PC101     IR Remote Control

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## Specification

### Connections
2-pole terminals (for DA, DA connections)
3-pole switch terminals – 2 switches:
COM / 1 / 2
COM / 3 / 4

### Dimensions
40mm x 21mm x 11mm (L x W x H)

### Conformity & Standards
EMC immunity EN 50082-1
EMC emissions EN50081-1
DALI 2 & NEMA compliant
IEC Standard 62386-102
NEMA Standard NS243-2004
Supports DALI 2 & 3 byte protocol

### Environment
Storage
Temperature:          -10°C - +60°C
Humidity:             0% - 90% non-condensing

### In Use
Temperature:          0°C - +56°C
Humidity:             10% - 90% non-condensing

### Installation
Requires 35mm deep backbox or greater
Switch line should be kept to an absolute minimum, and must be below 2 metres
Switch line requires screened cable
DALI is a non isolated bus.
Switches used with this device must therefore, be mains rated

### Power Consumption
6mA nominal consumption at MAX17V DALI bus voltage

As standard the PC734 is supplied with coloured cables – 100mm long 0.5mm²

| | | |
|---|---|---|
| Common | - | Black |
| 1   (on/up) | - | Green |
| 2   (off/down) | - | Blue |
| 3   (on/up) | - | Yellow |
| 4   (off/down) | - | Red |
| DALI / DALI | - | Grey / White |

Cables are easily removed if not required.
If cables are not being used – please ensure these are removed.

## Technical Data



40mm

21mm

11mm
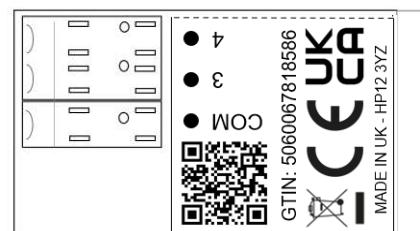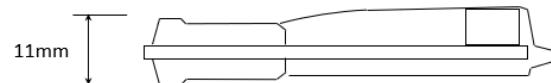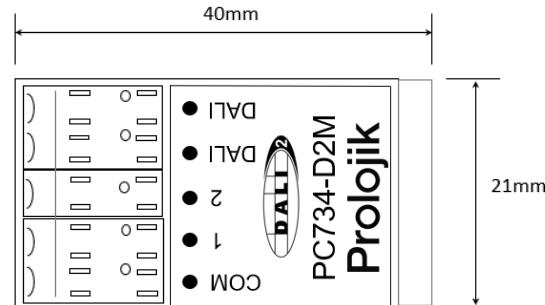
DALI 2 — Digital Illumination Interface Alliance (dali-alliance.org)

| DALI Product ID | 10272 |
|---|---|
| Product Name | PC734-D2M |
| Brand Name | Prolojik |
| Status | Certified: DALI-2 |
| Product Part Number | PC734-D2M |
| GTIN | 5060067818586 |

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## DALI 2 Switch Interface

## Wiring
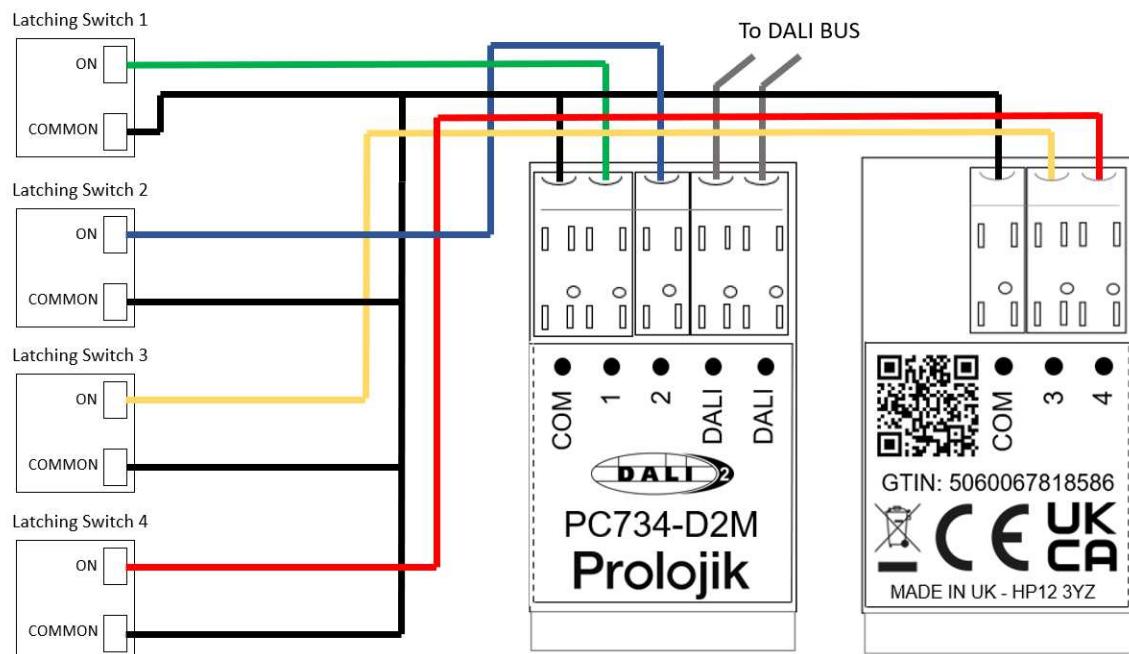


Latching Switch Configuration
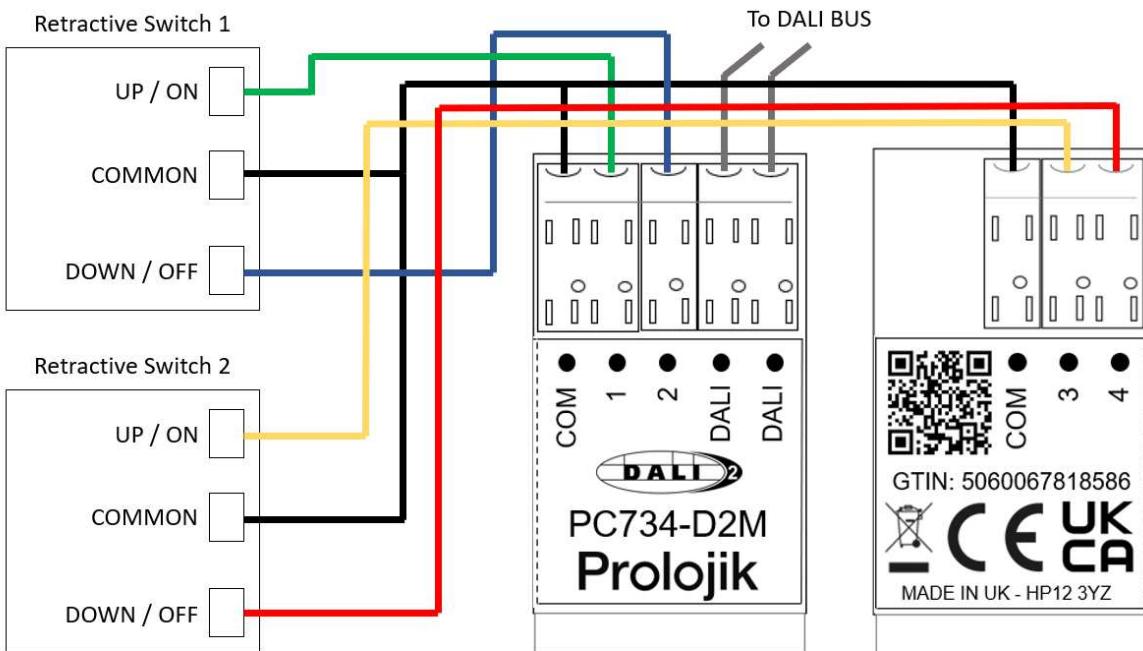


Retractive Switch Configuration

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