

Dado Panic Strip

The DaDo Panic Strip is a versatile solution designed for a wide range of signalling applications in both domestic and commercial settings. Dado is perfect for situations where individuals need to signal for help or assistance. Its continuous activation capability along its entire length makes it ideal for scenarios where a long, uninterrupted signalling switch is beneficial providing a press-at-any-point, momentary, normally-open contact with flying leads at both ends for easy connection. Typical installation include residential care homes, hospitals, interview rooms in police stations, and other facilities where accessibility and reliability are critical. Engineered to be simple, robust, and dependable, the system comprises three main components:

- Aluminium extruded channel
- Fully water-sealed ribbon switch
- Tamper-resistant top cover

Installation

Installation is straightforward. The switch is a normally open, with flying leads at both ends for easy connection. Fix the base securely to the wall, place the ribbon switch in the base, make the lead connections to the ribbon switch, snap the tamper-resistant top cover into place. To complete, fit the end caps to ensure a neat transition between the DaDo strip and standard 25mm x 15mm cable trunking. Closed end caps are available for to complete blank ends.

Security and Durability

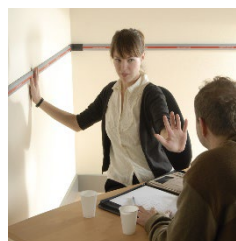
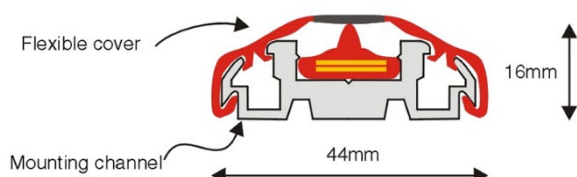
When fully assembled, the system is tamper-resistant. The ribbon switches are factory-manufactured and waterproof, ensuring durability in demanding environments.

Integration Capabilities

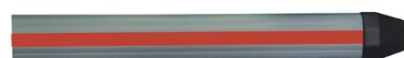
The DaDo can be easily integrated with Hoyles equipment such as Aidalarm and Multiguard systems to create a more comprehensive and responsive safety or alert solution. Dado functionality can be enhanced by the Redimon, which provides a fault output on disconnection and a latching relay resettable only at the Redimon.

Benefits and Features

- Colour options
- Press-at-any-point, momentary, normally-open contact
- Tamper resistant
- Easy installation
- Typically used in police stations, residential care homes, hospitals, public sector buildings, transportation, assembly lines, wet environments, e.g. changing rooms, washrooms or in emergency vehicles.
- Ingress Protection - IP65
- Manufactured in the UK



Flexible Corner



End Cap

Redimon – optional accessory

The Redimon is a latching monitor unit designed to operate on either 12 or 24vdc. It provides monitoring of two lengths of Panic/Affray strip, delivering separate alarm and fault outputs via SPCO relay contacts. An End of Line (EOL) resistor (6k8) is installed at the remote end of each Panic strip. When the strip is pressed, it creates a short circuit, which the Redimon detects as an alarm condition. If the Panic strip becomes disconnected or damaged in any way, a fault condition is triggered.

Redimon includes an optional *double-knock* feature, requiring the Panic strip to be pressed twice within a 5-second window to generate an alarm. This helps prevent false activations and enhances system reliability.

In addition to Panic strips, Redimon is also compatible with other normally open (NO) devices, such as push buttons or foot switches, offering flexible integration across different types of installations.

Dimensions mm 87 x 87 x 18



Dado Panic Strip

Installation

When installing dado panic strip the space between the edge of the aluminium channel and the edge of the wall must be taken into consideration. If using a standard end as illustrated in Figure 1.1, a minimum gap of 33mm must be left between the end of the aluminium channel and the wall as in Figure 1.2.

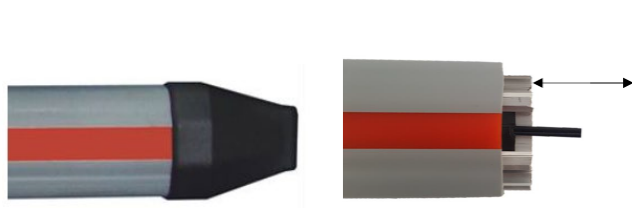


Figure 1.1

Panic Strip with end cap

Figure 1.2

Distance from aluminium channel to wall for use with end cap

If using a corner piece as in Figure 1.3, the minimum required gap between the aluminium channel and the edge of the wall/corner are as follows;

- 55mm for an external corner (Figure 1.4)
- 70mm for an internal corner (Figure 1.5)



Figure 1.3

Panic Strip with corner

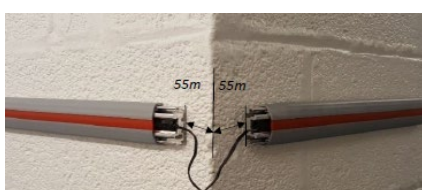


Figure 1.4

External Corner

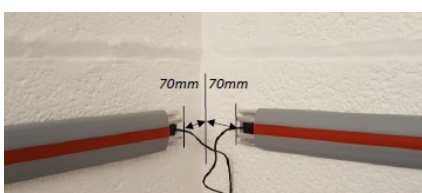


Figure 1.5

Internal Corner

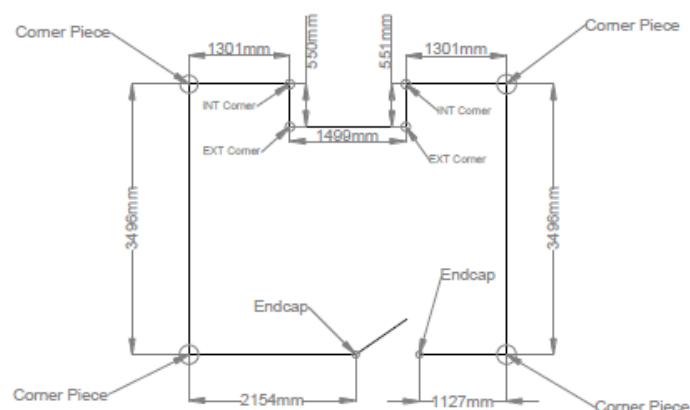
Ordering

When the dado panic strip is delivered to site it cannot be altered in length, therefore it is of vital importance to ensure the sizes are correct when placing the order, please measure from corner to corner. To ensure the order is placed correctly please include a sketch of the area the dado is required for as illustrated in Figure 2.1, a hand drawn sketch will suffice. As well as the measurements, when placing an order colour preference is also required as is whether the strip is to be illuminated or not.

Order Checklist

Measurements	Sketch
Dado colour	LED Illumination

Figure 2.1 Sketch to order Dado Panic Strip



Fitting the Switch

When fitting the dado panic strip, there are two grooves on the aluminium channel, these denote the top and therefore should be facing upwards when attached to the wall.



Only when the channel is correctly orientated and attached to the wall can the switch be inserted. The switch must be inserted under the upper lip of the aluminium channel then pressed in at the bottom as shown.

If the switch is installed in any other manner, including pulling in from the side or forcing it under the bottom lip first, it will suffer damage.