

PE Mats



Features

- Reliable switching principle
- Can be cut to size
- Low profile
- Easily installed

PE style switching mats are typically used concealed under carpets in applications such as intruder alarm systems. The mat consists of parallel switching elements encased in a durable, yellow tinted film. It can be easily cut to length using scissors and is available in two popular width fittings. PE mats are typically supplied in 15m rolls to be assembled as required on-site.

Technical Specification

| | |
|--------------------------------------|--------------------------|
| Actuation force | 20N (2kg) |
| Material | Polythene |
| Colour | Transparent yellow |
| Depth | 3mm |
| Ingress protection | IP65 |
| Operating temperature | 0°C to +50°C |
| Weight | 3.5kg (PE15), 7kg (PE30) |
| Maximum recommended voltage | 30V d.c. |
| Maximum switching current @ 30V d.c. | 1A |

Dimensions

PE15 381mm width fitting
PE30 762mm width fitting

Typical Applications

- Concealed intruder alarms
- Entrance annunciator
- Out of bed detection in hospitals and care homes