



Touch free exit switch

"Ideal technology for today's world"

Overview

The ASP-ip65touch is a versatile switch utilising infrared technology that requires no physical touch for activation. Activation without the need for touch can help limit virus contagions and other contaminants making it particularly suitable for hospitals, care homes, health facilities, offices and any other public buildings.

The switch operates at 12 to 24Vdc and is equipped with dual colour halo illumination (red & green) providing visual indication and logical feedback to the user. Illumination sequence can be selected by a jumper on the PCB. The integral micro controller allows adjustment of read range and door open time via potentiometers located at the rear of the switch. The switch can operate as either a momentary or maintained contact by adjusting the time delay potentiometer accordingly.

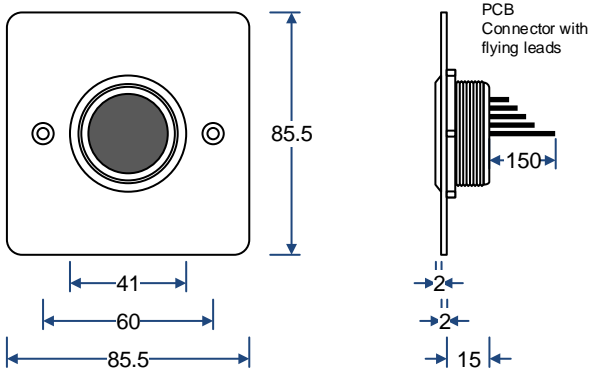
The standard product is supplied flush mounted on a 1 gang, 2mm satin stainless steel plate and the legend is silk screened. Supplied with a 35mm galvanised steel electrical backbox and fixings. For surface mount applications please see touch surface housing.

We offer full customisation including engraved text legends, symbols, corporate logos and non-standard plate sizes. Standard plate material is stainless steel, other materials are available on request including brass, aluminium and plastic. Both standard RAL and architectural finishes are available. Please contact the sales office for further information.

This versatile switch can be ordered separately, the dual function and low depth behind panel makes it ideal to incorporate into bespoke projects or other switching applications.

Dimensions

(mm)



Order ref

ASP-ip65touch Infrared exit switch, 12/24Vdc, 1 gang, SSS, DR

- Infra-red switch requiring NO touch
- IP65 (frontal presentation)
- Adjustable read range
- Adjustable lock open time
- Momentary OR Maintained contact
- Dual colour (red/green) halo illumination
- 12/24Vdc operation
- RoHS Compliant

Technical

Electrical

Voltage input V	12/24Vdc (±10%)
Current draw A	30mA @ 24Vdc
Contact load A	1A @ 24Vdc
Relay	1000,000 operations
Infrared sensor	100,000 hours
Contact arrangement	1 x N/O, 1 x N/C, 1 x C
Contact terminal	Pre-wired PCB connector

Operational

Read range	4~15cm (±25%)
Output delay time	0.5~19 Seconds for momentary
Output state	Set to 20 secs for maintained
Illumination	Dual halo (red/green) selectable

Environmental

IP rating	IP65 (frontal presentation)
Operating temp. °C	-10°C to +70°C

Mechanical

Case	Stainless steel
Sensor / illumination area	Fireproof polycarbonate
Weight g	50g (switch unit only)
Switch plate	Grade 304 stainless steel
Switch plate dimensions	85.5x85.5x2mm