



OVERVIEW

DPTS is a fully featured access control system for use with disabled persons toilets and designed for DDA* compliance.

Operated by two Touch sensors with Ultrabrite LEDs it controls entry by opening and locking the door at the appropriate times interfacing with both an automatic door operator and a locking device (Maglock etc.).

Primarily designed for use in conjunction with disabled persons toilets the DPTS can be used on a range of other toilet door applications.

APPLICATIONS

- Hospitals
- Shopping Centres
- Railway Stations
- Entertainment Venues
- Airports
- Bus Stations

FEATURES

- Fully featured access control system for disabled persons toilets interfacing with an automatic door operator
- Designed to assist with DDA compliance
- Choice of housing styles / sizes
Standard UK 'Double Gang, Architrave / Door Jamb and Round
- Intuitive and simple to use
- Provided with customer signage / user guide
- Suitable for users with physical disabilities and visual impairments
- Touch Sensors 'Double Hit' protection

INPUTS

- Internal & external emergency override inputs.
(Breakglass, keyswitch etc.)
- Input for Door Contact to prevent false / accidental locking

OUTPUTS

- Relay output for maglock and electric releases
- Relay output for automatic door opener

How it works

Entry



Touch the entry sensor. The door opener will activate to provide access, or enter manually

Lock



When inside the toilet, touch the internal sensor to lock the door. To confirm the door is locked, the red indicator on both sensors will flash showing the toilet is engaged and inhibiting the entry sensor.

Exit



Touch the internal sensor once more and the indicator stops flashing. The door will be unlocked and the door opener activated. The entry sensor stops flashing and becomes operable once again to provide access.

How Touch Sensors work

JWS Touch Sensors require no physical pressure to operate which make them ideal for users with physical disabilities.

The signage design incorporates a static & flashing Ultrabrite LED whilst also providing a suitable colour contrast. These features make it suitable for users with visual impairments. *except wireless



Touch Sensors can be used as an environmentally friendly alternative to infrared sensors reducing false triggering whilst enhancing the door and operator life expectancy.

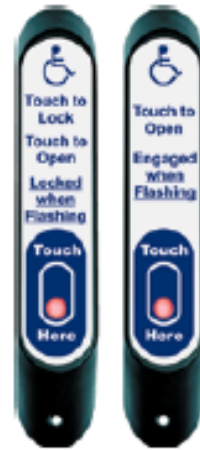
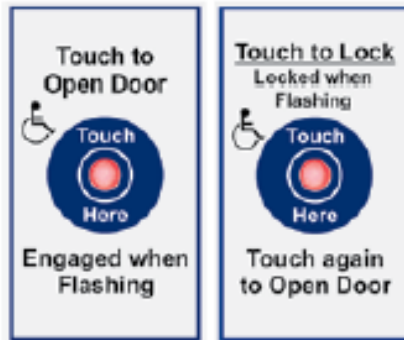
DPTS - Disabled Persons Toilet System

DPTS HOUSING OPTIONS

The DPTS main control board (DPTS PCB) can be supplied in a boxed Power Supply Unit (PSU) with battery backup or as a PCB only.

A complete 'out of the box' solution (DPTS Kit+) is available which comprises DPTS in PSU with backup battery, DPTS Touch Sensors, Breakglass, Keyswitch and Monitored Maglock with Z&L Bracket kit. Please note that the door operator is not included.

TOUCH SENSOR HOUSING OPTIONS



Double Gang

(Refer to Single & Double Gang data sheet)

Size:147 (h) x 86 (w) x 38 (d) (mm)

Material: ABS back box & Acrylic

Architrave

(Refer to ARC data sheet)

Size: 255 (h) x 40 (w) x 49 (d) (mm)

Material: Glass filled Nylon

Round

(Refer to Round data sheet)

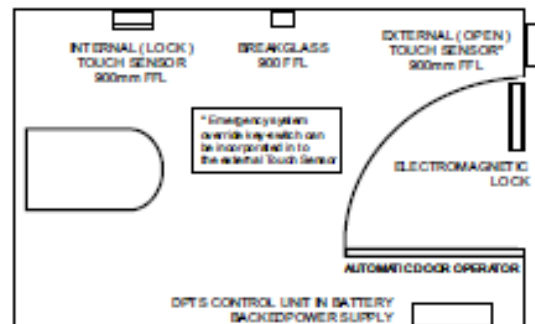
Size: 166 (dia) x 35 (d) (mm).

Material: Glass filled Nylon

INSTALLATION

Touch Sensors and ancillary items should be positioned so they can be used by a person seated in a wheelchair. As a guideline 900mm from finished floor level is suggested.

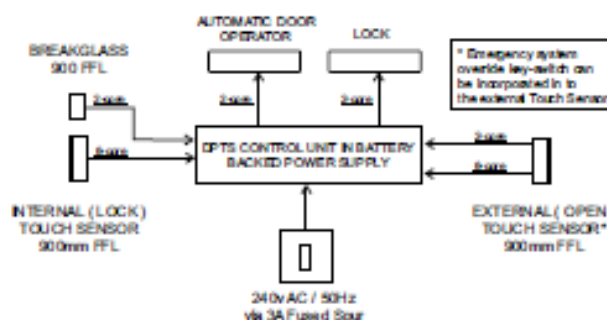
The drawing is for illustrative purposes only and not to scale. Please note you must always make provision for internal (breakglass) and external (keyswitch) emergency system override.



SCHEMATIC

All cable:7/ 0.2mm (0.5mm²) tinned copper conductor or better. (except Mains 240v AC supply).

Full installation & wiring guide supplied



* DDA - THE DISABILITY DISCRIMINATION ACT (UK)

The JWS DDA range of products is designed to assist providers of goods, facilities and services to comply to the DDA directives with particular emphasis on access control and door entry.

The Disability Discrimination Act (DDA) 1995 aims to end the discrimination that many disabled people face.

This Act has been significantly extended, including by the Disability Discrimination Act 2005.

The Act requires public bodies to promote equality of opportunity for disabled people.

Anyone offering goods, facilities or services to the general public must make 'reasonable' adjustments to ensure they do not discriminate against disabled people.