

# **HDS-4P Push Button Switch**

**For Multipurpose Toilet Door Unit**

**Universally designed door  
operation switch  
for public toilets achieves  
both harmony with toilet space  
and usability**



# HDS-4P Push Button Switch

For Multipurpose Toilet Door Unit

## HDS-4P Push Button Switch

Universal design



[Inside]

### Intelligibility and Usability

Universally designed from a range of aspects by incorporating expert opinions and conducting various verifications, the door operation switch is easy for anyone to use and thus is friendly to all users.

※Multipurpose Toilet shown above is RESTROOM ITEM01 manufactured and sold by TOTO LTD. in Japan.

## Intelligibility

### ■ Guidance by illumination

- The button to be pushed next lights up

This helps users push the correct button without having to think.

※See the illustrative image of the operational flow on the reverse side.

- Pushing button makes beep sound for confirmation of operation.



### ■ Due consideration for visual impediment

- Due consideration for the visually impaired people

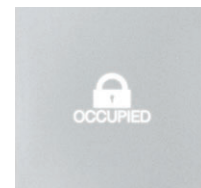
The character font and layout were determined with due consideration to users with visual impairments. Specifically, the buttons are protruded from the mounting surface to allow visually impaired users to easily recognize the buttons by feel. Also, pictographs are shown alongside ordinary characters on the buttons for higher palpability.

- Higher visibility for people with red-green color vision deficiency

Black push-buttons and white ones are used in combination to make them easily recognizable also for people with color vision deficiency. Embossed characters will be displayed in between the black and white buttons only when the toilet is in use, thereby clearly showing whether it is occupied or not.



When the toilet is not occupied  
(No pictograph)



When the toilet is occupied/locked  
(Inside pictograph is shown with "Locked".)



## Usability

### ■ Due consideration to people in wheelchairs and the elderly

To make the buttons easier to push, the diameter of each button is set as large as 70 mm. Even people who are physically handicapped can easily and assuredly push the buttons with only a small amount of force.



# HDS-4P

## Push Button Switch

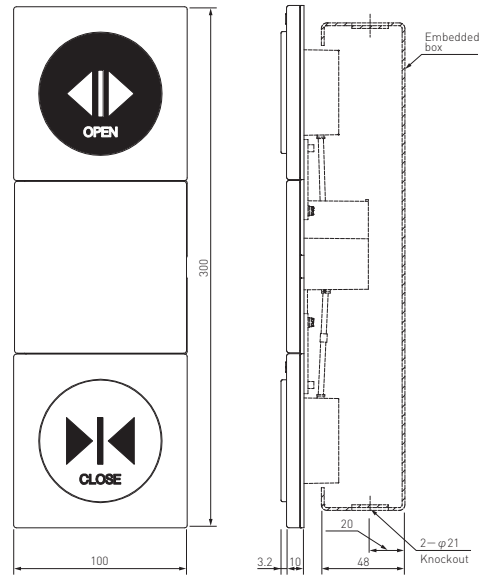
For Multipurpose Toilet Door Unit

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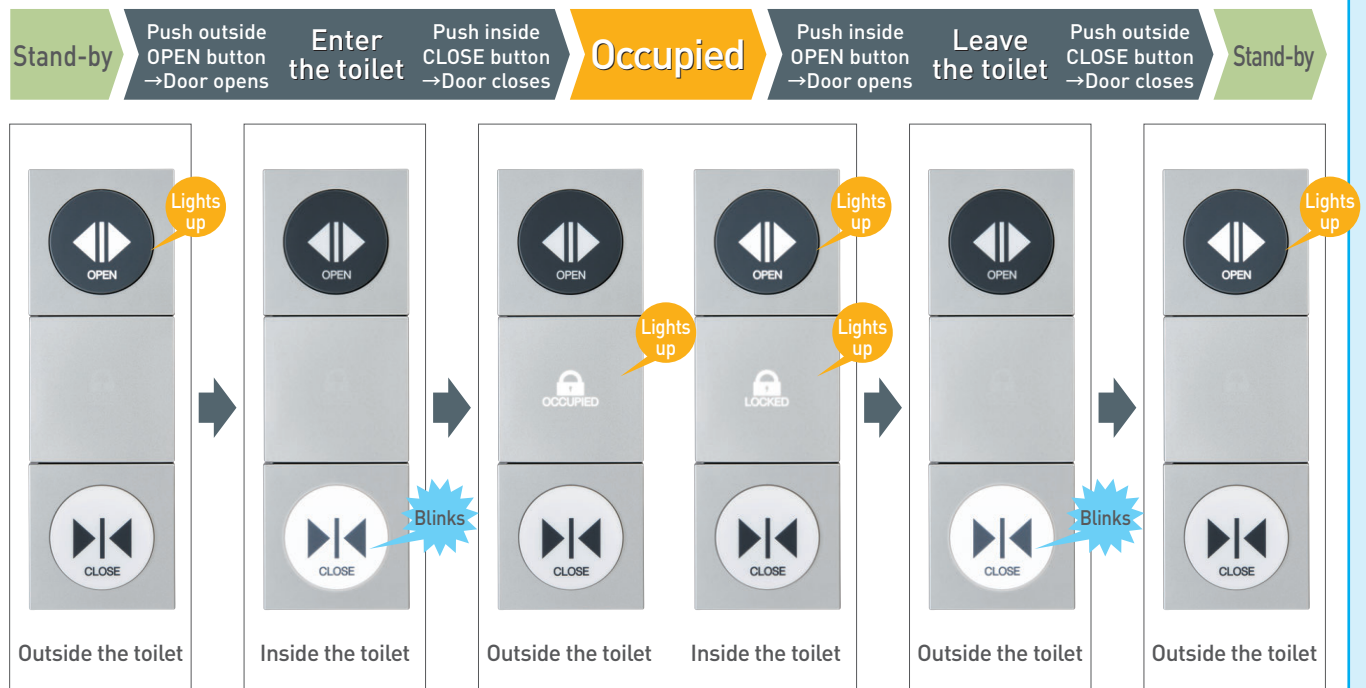
### Specification

|                         |                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------|
| <b>Product name</b>     | HDS-4P Push Button Switch                                                                                     |
| <b>Detection method</b> | Pressure detection (Push-button type)                                                                         |
| <b>Operation force</b>  | Approx. 5N                                                                                                    |
| <b>Indicator light</b>  | White LED                                                                                                     |
|                         | Stand-by: Off Occupied: On                                                                                    |
| <b>Installation</b>     | Embedded in the wall<br>※Option: exposed on the wall                                                          |
| <b>Dimension (mm)</b>   | [Switch] W100×H300×D13<br>[Embedded box] W80×H280×D48<br>[Exposed box] W100×H300×D48                          |
| <b>Material</b>         | [Switch] ABS resin<br>[Embedded box] SPCC (Steel black painting)<br>[Exposed box] SPCC (Steel metal painting) |
| <b>Remark</b>           | Can be installed vertically or horizontally                                                                   |

### Dimensions (mm)



### Operation image



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For further details, please contact:

All specifications herein are subject to change without notice

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