

# STS (Smart Touch Switch)

## Product Overview

STS : Smart Touch Switch is the Multi-Functional Switch and it is able to install at previous Switch Box. The display window is configured with TFT LCD and it has the Pressure Sensitive Touch. Therefore, it can control the Switch with Gloves on to control the ON/OFF of Lighting Control Zone.

Also, the switch screen has the screen saver function at normal and it can display various contents at screen to used as building guidance system. In addition, it can display the company name, department name and company notice to let the occupants to acknowledge the building information through this Switch.

The corresponding area name of previous switch can be shown at this STS Switch with custom ICON Shape and Name Plate. Customer can change the shape of ICON and Back-screen that they want easily be setting.



## APPLICATIONS

- STS can be connected at one single SCU with 1,000 EA of STS and it can operate the Individual and Group ON/OFF Control for Relay from each Program.
- It is operating the Dimming Control and ON/OFF Control for Individual / Group for DALI SYSTEM.
- The STS Switch is installed with International Standard for 2 Gang Box and basically, it is connected with 4wire cables.
- Basically, designed with 16 Switch Buttons.
- By the TFT LCD, the status of ON/OFF can be displayed.
- The ICON and Back-Screen can be changed for desired shape.



## Major Feature

- Pressure Soft Touch Method.
- Install at the previous international standard Switch BOX without ordering the separate BACK BOX.
- Use the Drawing Program to create the wanted touch back screen, switch button, Name Plate and ETC and then download it to STS.
- Compare to previous LCD TYPE the TFT LCD TYPE has high-definition for easy monitoring.
- Designed with Multi-Functional Switch :
  - Data Line ON/OFF Switch for 16 circuits.
  - Global DALI Switch for 16 circuits.
  - 0~10V Dimming Control for 2 circuits.
- It is designed with 3 Page Screen to create the multiple Switch Icons to each pages.

## Control Function

- RELAY ON/OFF Control.
- Display RELAY Status.
- DALI System ON/OFF Control.
- DALI System Dimming Control. ( 0~100%)
- DALI System Individual Control.
- DALI System Group Control.
- DALI System SCENE Control.
- Display ON/OFF Status.
- Use the Non-Volatile Memory to store the Registration Information.
- Address Setting : 000 – 999.

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## SPECIFICATIONS

### 1. HARDWARE Function and Structure

- Display : 4.3 inch Wide TFT LCD
- Color : 65,000 Color available
- MCU : 32bit Arm Processor(coreTex -M3) Type

### 2. Power Supply

- Input Power : AC24V, DC24V
- Operating Power : DC 5V, 3.3V and Other Power

### 3. Setting

- Address Setting : 000-999
- To display the Feedback ON/OFF Status, Icon Color is changeable.
- Location Name Tag can be displayed at top and bottom of ICON by Drawing Program.
- Screen saving function : Display the Information and Building Information.

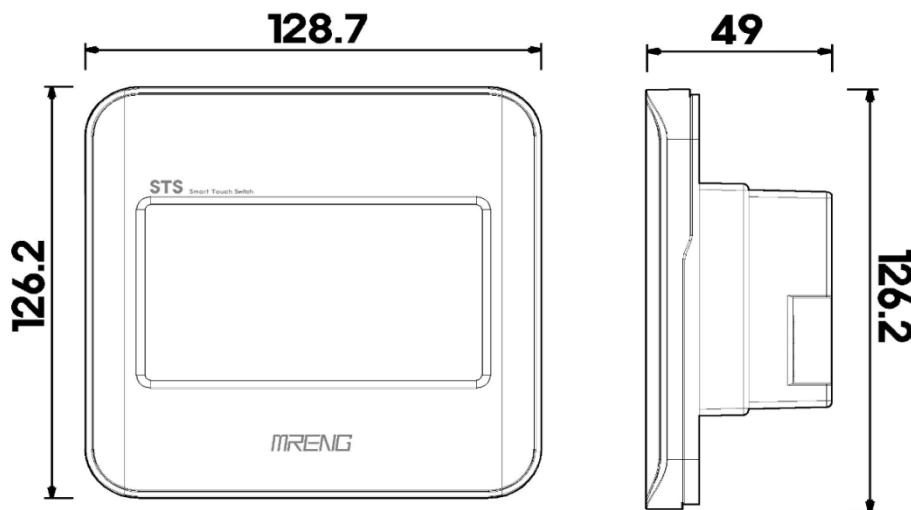
### 4. Operating Condition

- Operation Condition : 0 ~ 60 °C 0~90 RH

### 5. Communication Method

- ETLC NETWORK( FULL 2-Wire Communication )

## DIMENSION



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## CONNECTION DIAGRAM

