

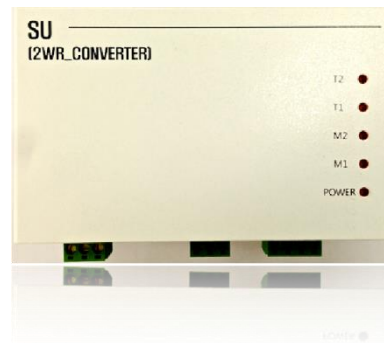
SU (2Wire Switch Converter Unit)

Product Overview

SU is the UNIT that converts the ETL Communication Network to 2-Line Communication Method.

This is the System that able to supply the Power and 2 LINE Communication by integrating the ETL Communication Method and Power into Frequency Modem Method.

It is applied to several types of Switch by connecting at 2-Line DSW (DSW-4, DSW-8) switches.



APPLICATIONS

- The existing Data-Line is divided into Power Line & Data-Line to connect at each Switch. When apply this SU device, the Power Line & Data-Line can be reduced into Two lines.
- The length of cable that connected at this SU device is 300 M and it is suitable for use.
- The switches at one single SU is appropriate to use 30 switches below for high quality data communication.
- This SU device can be installed at previous Lighting Control Panel and install the separate Power Supply inside of LCP to receive the power separately.

Main Feature

- 1~4 Buttons Switch Structure.
- Name Tag that can display the location.
- Individual, Group, Circuit and Entire ON/OFF Setting is available.
- Indicates the status of LED LAMP
- Signal Transmission Distance : 400ft(160Meter)
- Adopted with Address Setting Method (000~254)

Control Function

- RELAY ON/OFF Control.
- Display RELAY Status.
- Use the Non-Volatile Memory to save the registration information program.
- Address Setting : 000 – 254
- Individual and Group Control.

2 WR DSW 4 (ON/OFF Data Line Switch)

SPECIFICATIONS

1. HARDWARE Function and Structure

- LED Status Indicators
- MCU : 32bit Arm Processor(coreTex –M3) Type

2. Power Supply

- Input Power : AC220V
- Operating Power: DC 12V, 5V, 3.3V and Other Power

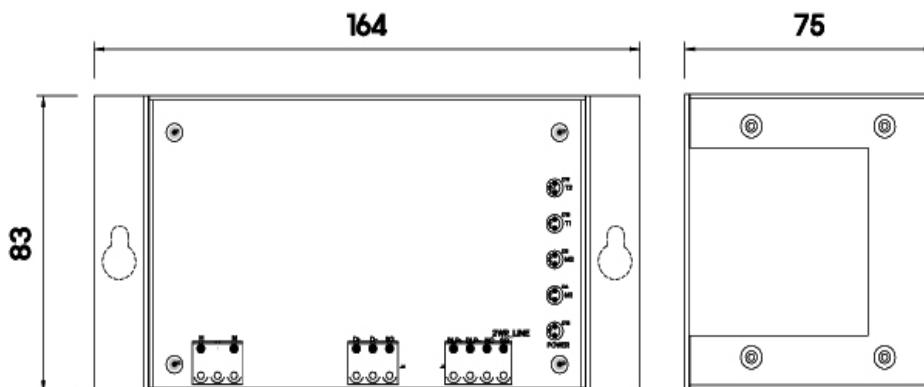
3. Operating Condition

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

4. Communication Method

- Top Level : ETLN NETWORK

DIMENSION



2 WR DSW 4 (ON/OFF Data Line Switch)

CONNECTION DIAGRAM

