



## Overview

The SU is the UNIT that converts the Low-Level ETLC Communication Network to 2 LINE Communication method. This is the system that able to supply the power and 2 Line Communication by integrating the ETLC Communication method & Power into Frequency Modem Method. It applies to several types of switch by connecting 2 LINE DSW (DSW-4, DSW-8, TS-4 & TS-8) switches.

## Main Feature

- 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 his SU device is 300m and it is suitable for use.
- The switches at one single SU is appropriate to use for 30 switches. And below 30 switches, it has high quality data communication.



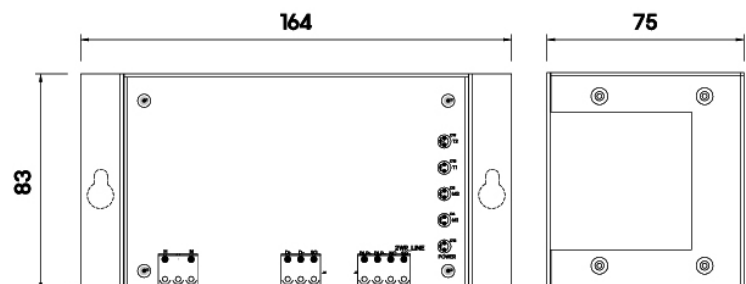
## Operation

SU is installed at each Lighting Control Panel and it performs the 2 lines that outgoing to Data Line Switch. It is suitable to apply at existing piping & wiring that uses 2 lines. Also if our system is designed at the beginning, it is suitable to use the switch line with 4 lines. The switches at one single SU is appropriate to use 30 switches below and apply them below 300m for high quality data communication. This SU device is installed at existing Lighting Control Panel and installed the separate Power Supply Device to supply the power is recommended.

## Specification

1. 2LINE CONVERTER
  - Input Power : AC220V 60Hz
  - Output Power : DC24V
  - CPU : 32Bit Micro Processor
  - Mount : Panel Mount
  - Operation Environment : -10°C ~ 60°C, 0~95% RH
  - Comm.Method : ETLC NETWORK / FieldBUS OR 2LINE
2. 2LINE SWITCH
  - Input Power : DC24V
  - CPU : 32Bit Micro Processor
  - Mount : Panel Mount
  - Operation Environment : -10°C ~ 60°C, 0~95% RH
  - Comm. Method : ETLC NETWORK / FieldBUS OR 2LINE

## Dimension of Layout



## Connection Diagram

