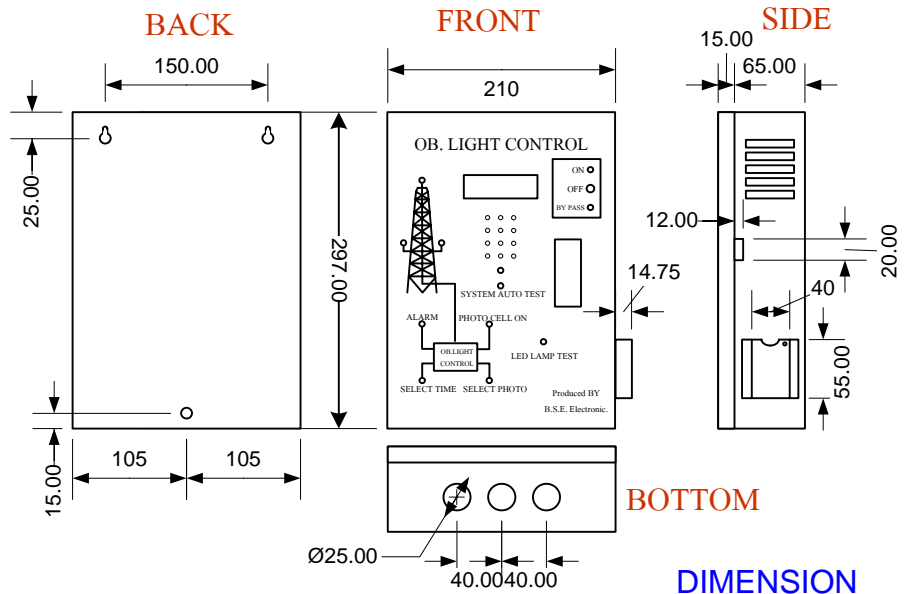


# Specification Obstruction light of control box

## BSE OBSTRUCTION LIGHT CONTROLLERS

Made in Thailand

### Model: TS1D-483



@ Installation 1-2 Level ( Set By Keypad switch )

### OPERATION SYSTEM

1. Controlled by Micro Controller system with highly accuracy
2. Input Voltage range 40 – 60 Vdc , Output 48 Vdc
3. Output 3 line : Load highly 1 Amp. per line . Type of lamp is LED lamp 48 Vdc and In every line Input with 1-2 lamp
4. This Data Out Connect Input out side the equipment when you want to working together with the OB. Light

### OPERATION MODE

1. By Pass Mode : Operate instantaneously ( OB. Lights burn on steadily ) and continuously by electric power. It will not operate when change mode or turn off .
2. Auto Mode : Two control systems which work in parallel ( Photo LDR & Timer ) or only timer system.
3. Off Mode : Not electric power in the system .

### CONTROL OB. LIGHT

1. Timer system : Controlling the LED lamp by turning on and off at the preset time in the memory system and users can set up by themselves
2. Photo LDR system : Controlling the LED lamp by controlling resistance which changes by brightness ( Photo LDR )

### OPERATIONAL CHARACTERISTICS

- : Line 1, Line 2 and Line 3 ; OB. lights having individual ob. light pattern changeable into flashing , turn on and turn off
- : Operating status indication at front of control box
- : Flashing rate adjustment 20-40 times / minute at 2 : 1 ratio ( ON : OFF )

### ALARM SYSTEM

: The control box has alarm when ob. light fails including loose cable and short circuit , back up battery voltage is low, Photo LDR has problem , in case of LED performance is 30 % lower , it will display on screen of LCD by message that load as problem , shown at front of control box and then alert with alarm contact ( contact of relay will on NC )

### SURGE PROTECTION SYSTEM

- : Transient protection of the standard at the level 6 KV 3 KA ,
- Reference Standards : 1. IEEE C62.41-1991 ; IEEE Recommended practice surge voltages in low - voltage AC power circuits .
- : 2. IEEE C62.45-1992 ; IEEE Guide ON Surge Testing for Equipment connect to Low - voltage AC power circuit

### SIZE OF THE BOX

: 210 mm. 297 mm. 80 mm. ( W x L x H )



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