

SSLC-1014 STROBESWITCH - IS0653 INSTALLATION INSTRUCTIONS

SAFETY NOTICES

WARNING

FAILURE TO FOLLOW ALL SAFETY PRECAUTIONS AND INSTRUCTIONS MAY RESULT IN PROPERTY DAMAGE, SERIOUS INJURY OR DEATH TO YOU OR OTHERS

SAFETY MESSAGE TO INSTALLERS, USERS, AND MAINTENANCE PERSONNEL

IT IS IMPORTANT TO FOLLOW ALL INSTRUCTIONS SHIPPED WITH THIS PRODUCT. THIS DEVICE IS TO BE INSTALLED BY A TRAINED INSTALLER WHO IS THOROUGHLY FAMILIAR WITH THE NATIONAL ELECTRIC CODES AND LOCAL CODES AS WELL.

THE SELECTION FOR THE MOUNTING LOCATION FOR THE DEVICE, ITS CONTROLS AND THE ROUTING OF THE WIRING IS TO BE ACCOMPLISHED UNDER THE DIRECTION OF THE FACILITIES ENGINEER. IN ADDITION, LISTED BELOW ARE SOME OTHER IMPORTANT SAFETY INSTRUCTIONS AND PRECAUTION YOU SHOULD FOLLOW:

- READ AND UNDERSTAND ALL INSTRUCTIONS BEFORE INSTALLING OR OPERATING THIS EQUIPMENT.
- DO NOT CONNECT THIS DEVICE TO THE SYSTEM WHEN THE POWER IS TURNED ON.
- AFTER INSTALLATION, ENSURE THAT ALL SCREWS AND THREADED JOINTS ARE PROPERLY TIGHTENED.
- AFTER INSTALLATION, TEST THE SYSTEM REGULARLY TO ENSURE THAT IT IS OPERATING PROPERLY.
- AFTER INSTALLATION AND TESTING IS COMPLETE, PROVIDE A COPY OF THIS INSTRUCTION SHEET TO ALL OPERATING PERSONNEL.

INSTALLATION

1. UNPACKING

AFTER UNPACKING THE EQUIPMENT, EXAMINE IT FOR DAMAGE THAT MAY HAVE OCCURRED IN TRANSIT. IF THE EQUIPMENT HAS BEEN DAMAGED, DO NOT ATTEMPT TO INSTALL OR OPERATE IT. FILE A CLAIM IMMEDIATELY WITH THE CARRIER STATING THE EXTENT OF THE DAMAGE. CAREFULLY CHECK ALL ENVELOPES, SHIPPING LABELS AND TAGS BEFORE REMOVING OR DESTROYING THEM.

2. MOUNTING AND WIRING

A. STROBE SWITCH DETECTOR

- MOUNT THE STROBE SWITCH IN A LOCATION THAT WILL ALLOW IT TO BE AIMED TO VIEW THE ACCESS ROADWAY LEADING TO THE GATE.
- ROUTE THE WIRES FROM THE STROBE SWITCH TO THE POWER SUPPLY LOCATION. MAKE SURE THE WIRES ARE PROTECTED AND SECURED.
- FOR TWO OR MORE SSLC-1014 UNITS, PARALLEL POWER AND OUTPUT CONNECTIONS.

B. CONTROL WIRES TO GATE

- ROUTE THE LOW VOLTAGE GATE CONTROL WIRES FROM THE GATE TO THE POWER SUPPLY LOCATION. MAKE SURE THE WIRES ARE PROTECTED AND SECURED.
- CONNECT THE LOW VOLTAGE GATE CONTROL WIRES TO THE RELAY OUTPUT ON THE SSLC-1014 PER WIRING DIAGRAM.

C. POWER WIRES TO GATE

- LOCATE A FUSED POWER SOURCE ON THE GATE CONTROL UNIT AND ROUTE TWO WIRES FROM THIS POWER SOURCE TO THE SSLC-1014.
- CONNECT POWER FROM GATE CONTROLLER AS SHOWN IN WIRING DIAGRAM.
- IF A 12 TO 24 VDC POWER SOURCE IS BEING USED, BE SURE TO NOTE POLARITY AS SHOWN.

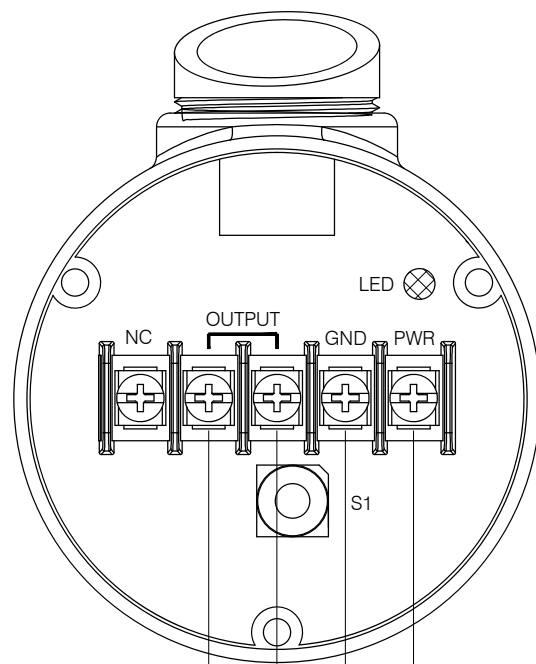
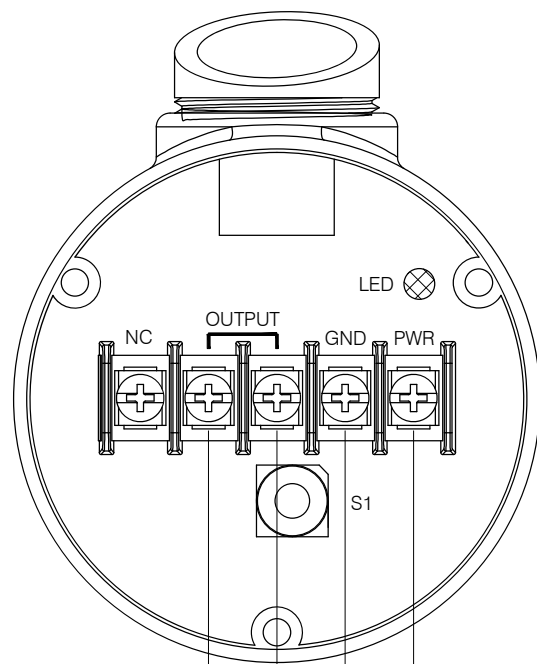
INSTALLATION IS COMPLETE

3. OPERATION

- WHEN DETECTOR #1 OR DETECTOR #2 RECEIVES A SIGNAL, ITS SOLID STATE RELAY OUTPUT WILL CLOSE AND THE RED L.E.D. WILL BE ILLUMINATED. THE RELAY WILL REMAIN CLOSED AND THE L.E.D. WILL REMAIN ILLUMINATED UNTIL THE SIGNAL TO THE DETECTOR AND THE DELAY TIME SELECTED ON THE (S-1 DELAY SWITCH) RUNS OUT. AT THAT TIME THE RELAY WILL OPEN AND THE RED L.E.D. WILL BE OFF.

DETECTOR #1
STROBE SWITCH
MODEL SSLC-1014

OPTIONAL
DETECTOR #2
STROBE SWITCH
MODEL SSLC-1014



12-24 VDC
OR -- POSITIVE
24 VAC
COMMON -- NEGATIVE
N.O. SOLID-STATE
RELAY OUTPUT
100 mA MAX
120 VAC/DC MAX
20GA CONDUCTORS MIN
100 FT MAX

STROBE SIGNAL FROM DETECTOR CLOSES RELAY FOR DURATION OF STROBE SIGNAL PLUS TIME DELAY

(S1) DELAY SWITCH POSITION DELAY TIME

- 0 = NO DELAY
- 1 = 15 SECONDS
- 2 = 30 SECONDS
- 3 = 01 MINUTE
- 4 = 02 MINUTES
- 5 = 03 MINUTES
- 6 = 04 MINUTES
- 7 = 05 MINUTES
- 8 = 06 MINUTES
- 9 = 07 MINUTES
- A = 10 MINUTES
- B = 15 MINUTES
- C = 20 MINUTES
- D = 25 MINUTES
- E = 30 MINUTES
- F = TEST MODE -- OUTPUT AND LED ON

| CURRENT DRAW | | | |
|--------------|------|-------------|------|
| IDLING | | ACTIVATED | |
| 2 detectors | (mA) | 2 detectors | (mA) |
| 12VDC | 7 | 12VDC | 13 |
| 24VDC | 4 | 24VDC | 7 |
| 24VAC | 10 | 24VAC | 19 |
| 1 detector | | 1 detector | |
| 12VDC | 4 | 12VDC | 7 |
| 24VDC | 2 | 24VDC | 4 |
| 24VAC | 5 | 24VAC | 10 |

| UNLESS OTHERWISE SPECIFIED | | | | REV | DATE | DESCRIPTION | TOMAR ELECTRONICS INC. 2100 WEST OBISPO GILBERT, ARIZONA 85233 | |
|--|--|--|--|-----|------|-------------|---|--|
| DIMENSIONS ARE IN INCHES. | | | | | | | MODEL SSLC-1014 STROBESWITCH INSTALLATION, WIRING AND INSTRUCTIONS | |
| TOLERANCES: DECIMALS .XX + - - .XXX + - - ANGLES ± - - | | | | | | | | |
| SCALE NONE DO NOT SCALE DRAWING | | | | | | | TOMAR PART NO: IS0653 | |
| DRAWN AML 10/16 | | | | | | | DRAWING NO. REV | |
| APPROVED | | | | | | | 15490 00 | |
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