

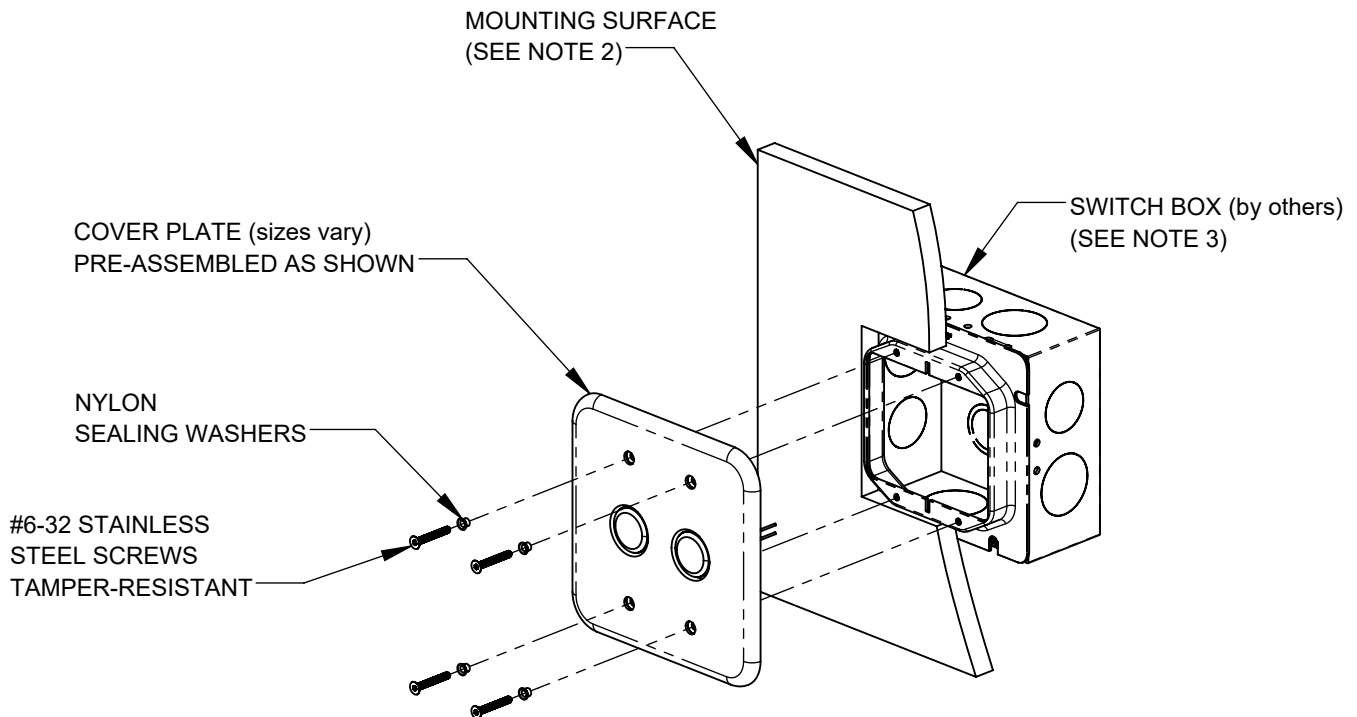
# INSTALLATION INSTRUCTIONS

Model: **SW7070, SW7080**  
Fixture Family: **LIBERTY**  
Document Description: Installation Instructions for  
Liberty Series Low-Voltage Switches

**VISA LIGHTING**  
1717 West Civic Drive Milwaukee, WI 53209  
414-354-6600  
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## Installation Instructions

NOTE: DIAGRAMS ARE EQUIVALENT FOR MODELS/VERSIONS NOT SHOWN



## Impact Resistance Structure Requirements

1. Switch box must be appropriately secured to structure based on use case.
2. To achieve highest impact resistance, the cover plate needs to be supported on along two opposing edges.
3. Switch box must be installed flush or slightly recessed from the mounting surface.
4. Switch box must have at least 2-1/4" inside depth for switch wiring clearance.
5. Unit is rated for IK10+ (60 Joules) impact resistance when installed per instructions.

When using electrical equipment, basic safety precautions should always be followed, including the following:

- Read all instructions carefully before installing and save for future use.
- Make sure all connections are in accordance with the National Electrical Code and local regulations.
- To avoid possible electric shock, be sure the power supply is turned off before servicing or installing the fixture.
- Service should be performed by qualified personnel.
- These instructions may not cover all details or variations. If additional information is needed, please contact Visa Lighting.

Drawing: 762382XX

Rev: C

Sheet: 1 of 2

Eng: DMN

Date Drawn: 7/8/24

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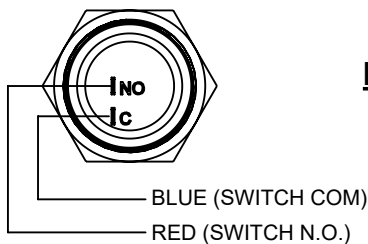
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## Electrical Diagram

Note:

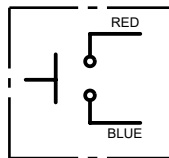
1. Connect momentary or maintained switch wiring to Class 2 circuit only; 24VDC max, 100mA max.
2. Make all electrical connections according to NEC and local regulations.
3. Use with suitable control system (by others).
4. Not approved for Class 1 or power circuits.

**SWITCH  
BACK VIEW**



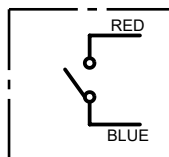
### MOMENTARY SWITCH SCHEMATIC

(SW7070)

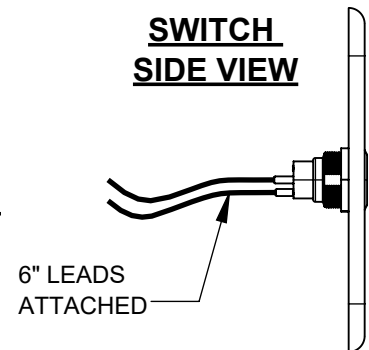


### MAINTAINED SWITCH SCHEMATIC

(SW7080)



**SWITCH  
SIDE VIEW**

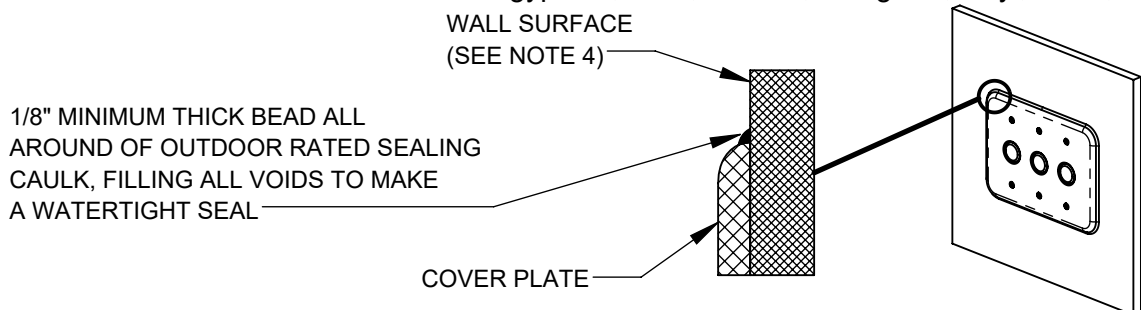


## IP65 / Wet Locations and Ligature Resistance Requirements

### *(IP65 / EMPLACEMENTS MOUILLES)*

Note:

1. Apply suitable outdoor rated caulk sealant to plate border at wall surface.
  - For high-risk area, use an outdoor rated pick-proof caulk such as Surebond Everseal SB-190 Sealant or equivalent.
  - For low-risk area, use generic outdoor rated RTV Silicone Sealant (suitable for mounting surface involved).
2. Sealant must be continuous around border for adequate ligature resistance and IP65 sealing.
  - Allow adequate curing time for caulk, following sealant manufacture's instruction.
3. Ingress protection is from room side only. Unit is not sealed from switch box or wall cavity.
4. Suitable for installation into surfaces such as: gypsum, brick, cement, fiberglass, vinyl, wood, tile



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