

ALS & MLS Light Communication

Product Specifications



DESIGN HIGHLIGHTS

- ALS utilizes automatic interior and exterior LED red/green communication lights
- MLS utilizes manually activated interior and exterior LED red/green communication lights
- ALS & MLS light systems are shipped complete with inside control panel, exterior light, and sign
- Standard LED red/green communication lights
- Interlocking capability with other dock equipment
- NEMA4X rated non-metallic control panel
- UL / cUL listed control system
- 120V single phase operation with 24V DC LED lights and limit switch control wiring
- Programmable solid state controller

ACCESSORIES

- ☐ Vehicle restraint _____
- ☐ Dock leveler _____
- ☐ TKO impactable doors _____
- ☐ Dock-guard barrier gate
- ☐ APS guard rail & accessories

PROJECT INFORMATION

JOB NAME _____

ADDRESS _____

GENERAL CONTRACTOR _____

DISTRIBUTOR _____

MODEL _____ QUANTITY _____

VOLTAGE/PHASE _____

CERTIFIED FOR CONSTRUCTION

BY _____

COMPANY _____

ADDRESS _____

DATE _____

- 1. **General:** High visibility and low profile electrically powered safety signaling device alerts truck drivers and loading dock personnel of dock condition. Universally understood red and green LED lights inside and outside building to provide clear visual communication. Caution sign with standard and reverse lettering included.
- 2. **Control Panel:** Prewired NEMA 4X control panel is 10" high x 8" wide x 6" deep with clearly marked operating instructions. All field wiring terminations are made to removable modular terminal connectors.
- 3. **MLS Operation:** As the trailer backs up against the dock bumpers, the exterior LED light is green "O" and the interior control light is red "X". With the trailer in proper position, the operator manually switches the control panel to "ENTER VEHICLE". The exterior light changes to red "X" and the interior light changes to green "O". Once completed with loading or unloading, the operator then switches the panel to "DO NOT ENTER VEHICLE" and the interior light turns to red "X" with the exterior light changing to green "O".
- 4. **ALS Operation:** Control panel is interlocked with other dock equipment (dock leveler or overhead door) so that the interior and exterior lights automatically switch based on leveler or door position. With "automatic" switch select and interlocked with a door open sensor, the interior light will automatically switch to green "O" and exterior light to red "X" when the door is open. A red "X" will be present on the exterior light when the "override" switch is selected.
- 5. **Electrical:** Control panel lights are 24 volt light-emitting diodes (LED). Control panel circuitry is 120 volt operation at 1 amp. Composite light LED's are 24 volt DC with a load of 150mA.
- 6. **Composite Exterior Light:** 6" high x 6" wide x 4 1/4" deep. Black polypropylene housing prevents rust and corrosion.
- 7. **Installation:** Control panel mounts on interior wall near dock door opening and the exterior light mounts to the driver's side of the building wall. Typical installation requires lights mounted 90" from the ground on driver's side of door opening and at a safe distance from door jam to prevent interference with dock seals or dock shelters.
- 8. **Limited Warranty:** Serco components are warranted to be free of defects in material and workmanship, under normal use, for a limited 1-year base period from date of shipment in accordance with Serco standard warranty policy. The "Base Warranty Period" will begin on the completion of installation or the sixtieth (60th) day after shipment.

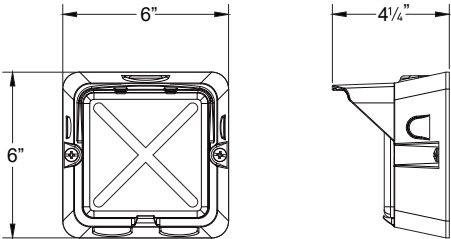
MODEL	ACTIVATION	STANDARD FEATURES
MLS	Manual	Includes interior/exterior composite red/green LED communication lights with exterior caution sign
ALS	Auto	Includes interior panel with red/green LED communication lights exterior composite red/green LED lights & exterior caution sign. (limit switch and bracket provided by others)



Automatic Light System (ALS)
Auto Activation



Manual Light System (MLS)
Manual Activation



Exterior Lights



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