

ALS & MLS Light Communication System Specifications



Automatic Light System (ALS)
Auto Activation



Manual Light System (MLS)
Manual Activation

Design Highlights

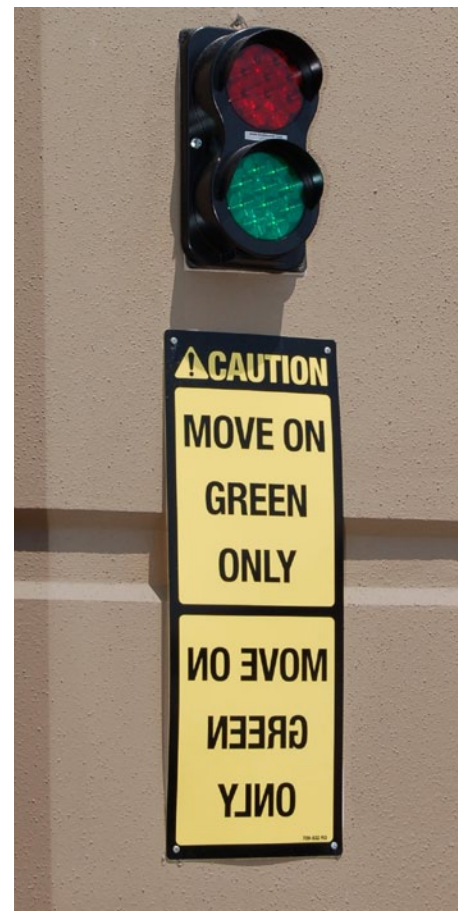
- ALS utilizes automatic interior and exterior LED red/green communication lights
- MLS utilizes manually activated interior and exterior LED red/green communication lights
- ALS & MLS light systems are shipped complete with inside control panel, exterior light, and sign
- Standard LED red/green communication 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

Project Information

Job Name _____
 Address _____
 General Contractor _____
 Distributor _____
 Model ALS MLS Quantity _____

Certified For Construction

By _____
 Company _____
 Address _____
 Date _____



Accessories

- Vehicle Restraint _____
- Dock Leveler _____
- TKO Impactable Doors _____
- Dock-Guard Barrier Gate _____
- APS Guard Rail & Accessories _____



MODEL	ACTIVATION	STANDARD FEATURES
MLS	Manual	Includes Interior/Exterior Compact Red/Green LED Communication Lights With Exterior Caution Sign.
ALS	Auto	Includes Interior Panel With Red/Green LED Communication Lights, Exterior Compact Red/Green LED Lights & Exterior Caution Sign. (Limit switch and bracket provided by others)

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 NEMA4X control panel is 10" high x 8" wide x 6" deep with machinery grey baked on enamel finish and 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 and the interior control light is red. With the trailer in proper position, the operator manually switches the exterior light to red and the interior light to green. Control panel can be interlocked with other equipment (dock leveler or overhead door)

4. ALS Operation: Control panel is interlocked with other dock equipment (dock leveler, overhead door, vehicle restraint) so that the interior and exterior lights automatically switch from red to green after the trailer is properly positioned and the operational sequence begins. Connection to other equipment including limit switch and bracket by others.

5. Electrical: Control panel lights are 24 volt light-emitting diodes (LED). Control panel circuitry is 120 volt operation at 1 amp. Compact light LED's are 24 volt DC with a load of 250mA.

6. Compact Exterior Light: 10" high x 8" wide x 6" deep. Black Polypropylene housing prevents rust and corrosion. Red and green lenses are 4 1/4" diameter.

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: Kelley 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 Kelley Standard Warranty Policy. The "Base Warranty Period" will begin on the completion of installation or the sixtieth (60th) day after shipment.

