



**LOCOMOTIVE VISIBILITY LIGHT CONTROL & MONITORING**



**A - 8368**

**LOCOMOTIVE VISIBILITY LIGHTING CONTROL WITH FLASHING AND MONITORING FEATURES.**

*For compliance with ARA standards for visibility lighting on locomotives at level crossings.*

The A-8368 device is purpose built for locomotives. When fitted it controls two visibility lights at each end of the locomotive according to ARA standard for visibility lighting (31.1&3) - Freight & Passenger.

The device gives the driver the ability to manually turn on the A or B end visibility lights. When the locomotive is capable of propelling and the horn is sounded, the visibility lights facing the direction of travel begin flashing alternately until 15 seconds after the release of the horn.

A-8368 is normally supplied as a stand-alone unit with heavy current contactors for safely switching a lamp assembly with a max. rating of 1,800 watts. Optionally, the unit may be segmented to satisfy smaller space requirements.

**Monitoring:** Inclusive, is our highly used & successful Lamp Integrity Monitor™ with an isolated output to drive visual indicators in the cab showing each lamp's filament operational state.

**FEATURES**

- Automatically flashes visibility lights facing the travel direction from 4 separate signal inputs.
- Allows A or B end lights to be manually controlled
- LED Diagnostics for input & output functions
- Lamp integrity monitoring with isolated LED indicator
- Small size, easy fit, connection schematics included
- Designed for locomotive use & lighting requirements

**SPECIFICATIONS**

- Supply voltage:** 40 – 80vdc (others available)
- Power Drawn:** 10 watts
- Input Filter:** Yes- with Input/output isol.
- Output protection:** Yes – fuseless current limiting
  
- Inputs:** 60 – 80vdc (others available)
- Manual select:** A or B end visibility lights
- Locomotive:** Direction – Forward & Reverse
- Flashing Trigger:** Horn input + 3 extral triggers
  
- Outputs:** Control of 2 x 2 visibility light sets
- Contactors - Load:** DPST (NO), Form 2A, 25Amps  
Designed for hi - inrush loads
- Filament Integrity:** 4 x 24vdc signals. Max. 2VA ea.
  
- Flashrate:** Alternate – 40 to 180 fpm (adj)  
Duration – Horn time +15secs
  
- Standard Mount:** Mount plate (mm) 220W x 350H  
With open PCB & contactors.
- Options:**..... Separate mounting & contactors  
Or full metal enclosure  
Driver's manual control switch  
LED indicator panel with 4LEDS

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