

# Safer Highway Crossings

## Model AW-2 – Advanced Warning Flasher

This flasher is used in traffic areas where the posted speed is in excess of 50 km/hr (30 MPH).

The main controller will switch 2 pole alternate flashing lights on approach to the intersection. This will alert traffic of impending signal change from green to red.

This unit incorporates two TF-9-60 two pole flashers. One two pole (alternate flashing) for one direction of highway & one two pole for the other direction.

Due to conditions such as curves and hills the advance warning lights may be placed different distances from the intersection and may require different start times than the opposite direction. This is the reason for logic 1 and logic 2. This is controlled by the main controller.

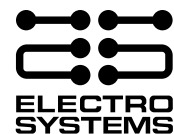
An input of 120 VAC @ 10 mA is supplied from the main controller. Should power fail to, or in the main controller, both advanced warning flashers start flashing. 120 VAC power for this unit is supplied independent of the main controller.



## Installation Pin Connections

Pin #	Function
1	120 VAC line in
2	Neutral
3	120 VAC @ 10 mA control (loss of controller power)
4	N.C.
5	A Flash out light #1
6	A Flash negative logic to neg 24 VDC
7	A Flash out light #2
8	+24 VDC in
9	B Flash out light #1
10	B Flash negative logic to neg 24 VDC
11	B Flash out light #2
12	Ground

When connected as indicated above, flash out will commence when neg logic line is connected to the 24 VDC neg (pin #6 or #10). Removing 120 VAC control (pin #3) will flash both A & B outputs.



Canada: Electro Systems Inc.  
 #8 - 415 Dunedin Street  
 Victoria, BC, Canada V8T 5G8  
 Tel: 250.385.0911  
 toll free: 1.800.668.2254  
 Fax: 250.385.0733  
 toll free: 1.800.661.4977