

CTRL-FL1



DESCRIPTION

- ▶ The self-running CTRL-FL1™ arrow controller, assembled in an ultra rugged and compact housing, can control all types of arrow boards and accessories.
- ▶ Ideal for controlling arrow board or accessories such as arrow boards, motorized supports, work lamps, beacons, etc.

FEATURES

- ▶ Protection against short circuits on all outputs
- ▶ Day / night operating mode with integrated photocell
- ▶ One 5A output for beacon or accessory control
- ▶ Programmable operating parameters (Intensity, flashing speed, up and down motor runtime, etc.)
- ▶ Integrated no clutch actuator control
- ▶ Wireless Ignition detection
- ▶ Protection against overvoltage and reverse polarity
- ▶ Lighted membrane
- ▶ Low battery detection (programmable)
- ▶ No external components required
- ▶ VSS mod (CAN BUS, differential VSS, 1 wire VSS, preprogrammed speeds)
- ▶ Higher actuator rise and descent time



ELECTRICAL SPECIFICATIONS

Operating Voltage:	8 to 16Vdc
Operating Temperature:	-40°C to 75°C (-40°F to 167°F)
Current draw (continius mode):	[With a 14Vdc power source] Standby mode, without ignition : 0.8mA Activated, no load: 20mA
Auxiliary output:	Activated = + 12V 5A
Arrow board power output:	Activated = + 12V 15A
MOT+ and MOT- outputs:	Activated = + 12V and GND 20A
Arrow board channels (each):	Activated = GND 5A

PRODUCT NUMBERS

Number	Description
CTRL-FL1	ZT - ARROW BOARD CONTROLLER