



Description

The HY-CL-007 is an automotive startup detector control box. It can detect states of automotive battery and control external parts (such as DRL) to startup while automotive startup. HY-CL-007 operating voltage power is from 9VDC to 32VDC and the maximum output current is 1.5A. 3 input signals to control DC out or turn off external parts, especially for DRL function on Automotive. Reverse connection protection function to avoid module or equipment damage while users install this module with wrong direction of power.

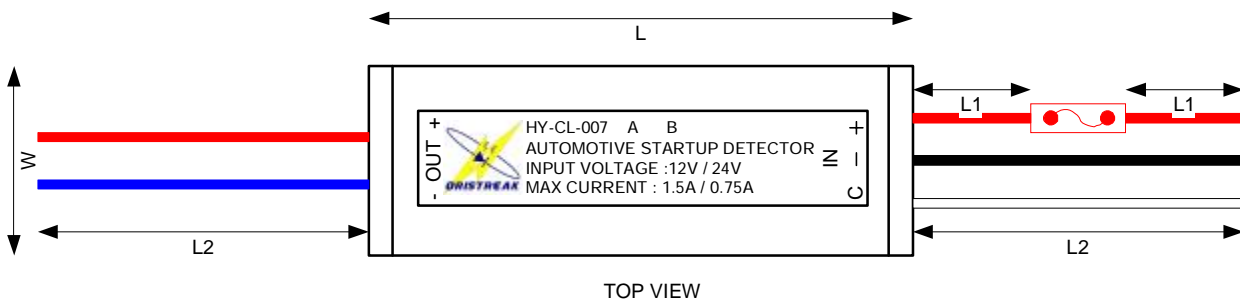
Features

- n Operation voltage 9~32VDC.
- n Maximum Output current 1.5A
- n Reverse Polarity Protection.
- n Quiescent current less than 3mA

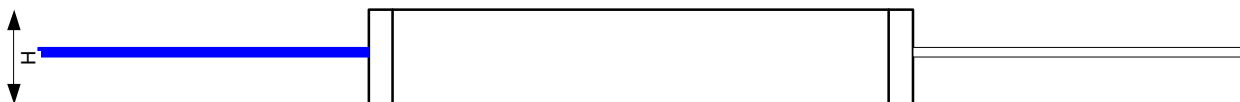
Applications

- n Automotive Applications.
- n Automotive LED Lighting Application.

Outline Dimension



TOP VIEW



SIDE VIEW

- L : 50 mm
- W : 20 mm
- H : 11.5 mm
- L1 : 300 mm
- L2 : 600 mm

COLOR : BLACK/RED/BLUE/GREEN
 MATERIAL: Aluminum



DIAGRAM AND SIGNAL DESCRIPTION

	1	IN (+)	Connect to Battery Power Supply positive terminal (RED)
	2	IN (-)	Connect to Battery Power Supply Negative terminal (BLACK)
	3	IN (C)	Control terminal, to control external parts turn off if set to High voltage level for type A, to reduce brightness 50% for type B. (WHITE)
	4	OUT(+)	Connect to external parts' power positive terminal (RED)
	5	OUT(-)	Connect to external parts' power negative terminal (BLUE)

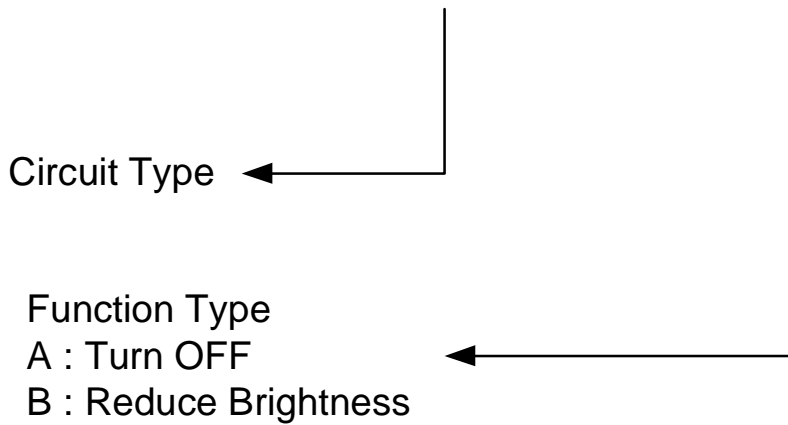
ELECTRICAL CHARACTERISTICS

SYMBOL	PARAMETER	VALUE	UNIT
V_{IN}	Maximum Operation Voltage	32	V
I_{OUT}	Maximum Output Current	1.5	A
I_{STDBY}	Standby Quiescent Current	3	mA



ORDERING INFORMATION

HY-CL-007 A



ORDER NUMBER	SHIPPING
HY-CL-007	50 UNITS/ BOX