



# VSS-TVM Owners Manual

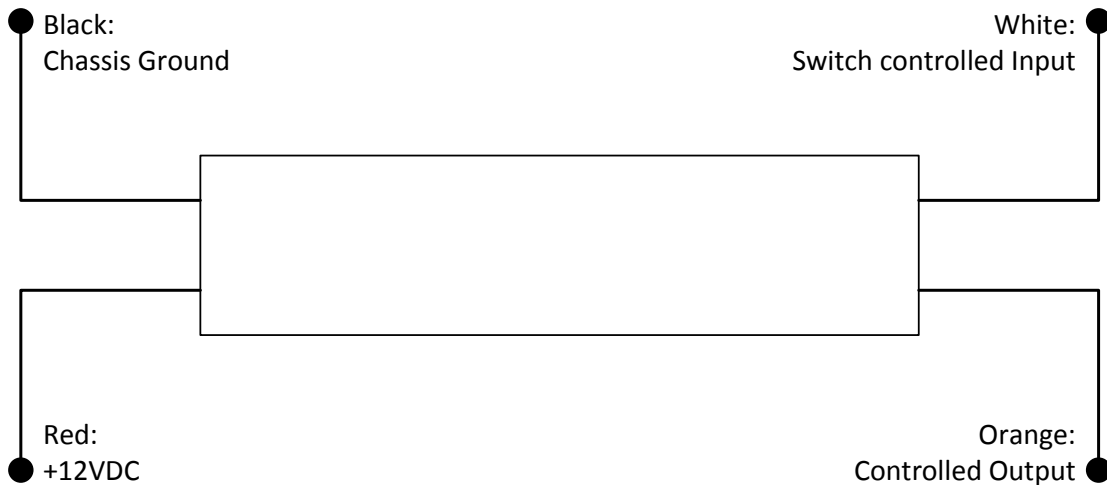
## GENERAL

The Vanner VSS Series Timer/Voltage Module is designed to operate in the cab of any vehicle. The Timer Module is preset depending on the module purchased. When the supply voltage to the switched input drops below +12.9Vdc the timer will begin. In addition to every Timer module the Low Voltage Monitor section monitors the supply voltage, if the supply voltage drops below 11.8VDC it will disconnect the load to prevent the drain on the battery to the point of a no start situation. Once the timer or low voltage is tripped the vehicle must be restarted, or voltage increases above +13.2Vdc, for the timer to reset. The module can be added to any switched +12Vdc control component that needs to be timed and to protect the chassis battery from a damaging discharge. If the switched control is not desired then tie the Red and White wires together and the timer/low voltage will control the load as soon as the engine is turned off and the voltage falls below the preset limit.

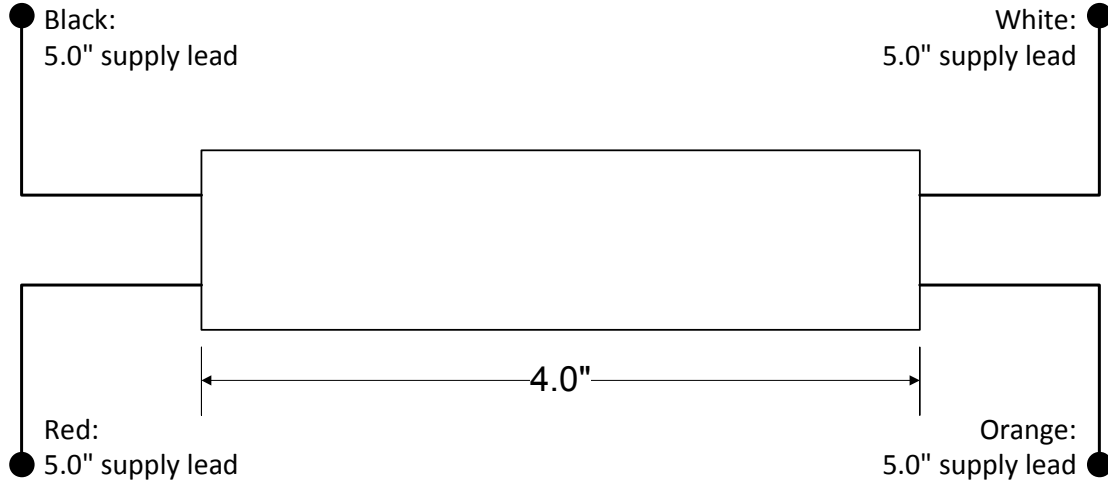
## SPECIFICATIONS

Temperature Range:	-40°F to +104°F (-40°C to +40°C)
Supply Voltage:	14.2Vdc
Supply Current:	12mA
Timed Delay:	VSS-TVMH60 ~ 60 Minutes
	VSS-TVMH90 ~ 90 Minutes
	VSS-TVM360 ~ 360 Minutes
Weight:	< 1.0 Lbs.
Max Output Supply:	950mA

### Electrical Connection



### Overall Dimensions



Installation Notes:  
The battery and switched supply inputs should both be protected with a 2A fuse.

**Notes:**

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