



# ELECTRONIC WIPER CONTROLLER

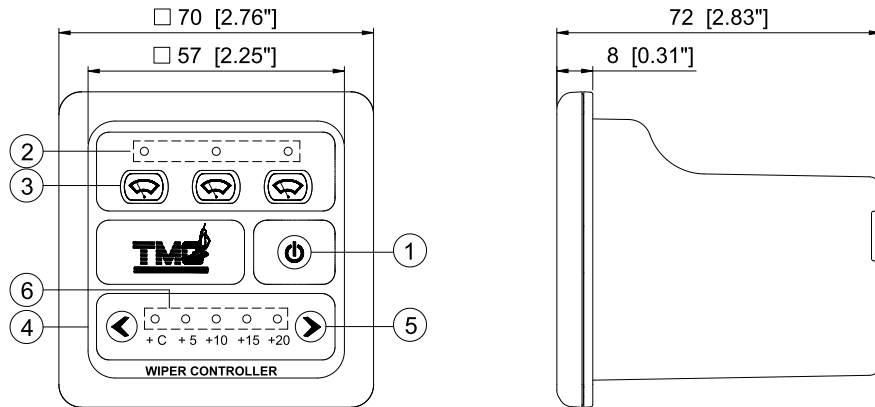
MODEL : TMC-2240501

## PRODUCT FEATURES



- POWERED BY DC-12V / 24V
- FUSE SIZE BY 15A
- POWER CONSUMPTION : MAX. 4A PER WIPER MOTOR
- BASED ON MICROPROCESSOR
- RANGE OF 5 TIMING REGULATIONS
- FROM 1-3 WIPERS CONFIGURATION
- SMART TOUCH PANEL
- LED INTERFACE
- CAN BE SWITCHED ON INDIVIDUALLY OR IN ANY COMBINATION
- SELECTED FUNCTION MODE VISUALIZED BY 5 LED LIGHTS
- RELAY BOX WITH PLUG-IN CABLE

## DIMENSIONS



## SPECIFICATIONS

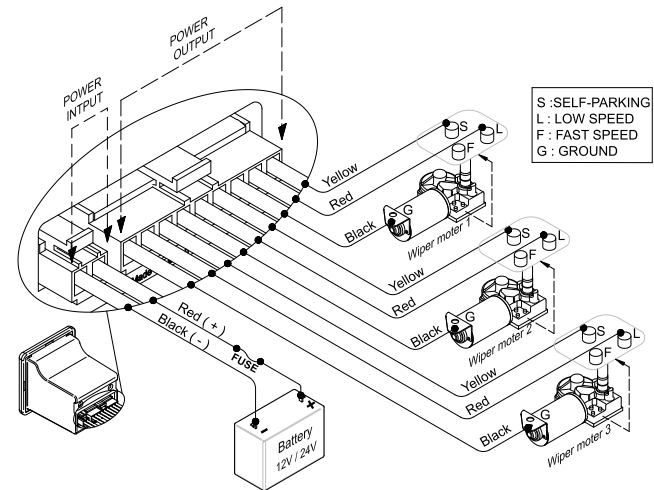
KEY POSITION	FUNCTION	DESCRIPTION
1	POWER	ON/OFF
2	WIPER LED LAMP	LED ON – WIPER ON LED OFF – WIPER OFF
3	SINGLE WIPER MOTOR KEY	ON/OFF
4	TIME KEY (GO LEFT)	DECREASE TIME INTERVAL
5	TIME KEY (GO RIGHT)	INCREASE TIME INTERVAL
6	TIME KEY LED LAMP	LED ON – TIME KEY ON LED OFF – TIME KEY OFF

LED STATE	TIME INTERVAL	OPERATION MODE
+C	LOW SPEED OR FAST SPEED	CONTINUOUS
+5	5 SECONDS	INTERMITTENT
+10	10 SECONDS	INTERMITTENT
+15	15 SECONDS	INTERMITTENT
+20	20 SECONDS	INTERMITTENT

◆ WHEN THE POWER IS ON, LED LAMP OF KEY #2 & #6 WILL BE ON. THE LED LAMP STATE WILL REMAIN THE SAME AS YOUR LAST OPERATION MODE.

## ELECTRIC CONNECTIONS

- THE PRODUCT CAN BE POWERED BY DC-12V OR DC-24V.
- THE PRODUCT CAN DRIVE 1 TO 3 WIPERS IN THE SAME TIME.
- TIME INTERVAL WIRE CONNECTION CAN BE CHOSEN BETWEEN LOW SPEED OR FAST SPEED (BUT NOT FOR BOTH)
- PLEASE MAKE WIRE CONNECTIONS BY COLORS AS PER THE WIRING DIAPHRAGM INDICATED.
  - ◇ YELLOW – SELF-PARKING OF MOTOR SIDE
  - ◇ RED – LOW SPEED OF MOTOR SIDE
  - ◇ BLACK – GROUND OF MOTOR SIDE
- POWER SUPPLY –
  - ◇ RED – POSITIVE (+)
  - ◇ BLACK – NEGATIVE (-)
  - ◇ INPUT WIRE SIZE – 16 AWG
  - ◇ OUTPUT WIRE SIZE – 18 AWG
- PLEASE MAKE SURE TO USE PROPER FUSE IN RED POSITIVE (+) LINE FOR OVERLOAD PROTECTION AGAINST THE PRODUCT.
- FUSE SIZE: 15A



## INSTALLATION

- CUT A SQUARE HOLE BY SIZE 58mmx58mm (2.28"x2.28")
- FIT FOR WALL THICKNESS BETWEEN 6mm to 25mm (0.24" – 0.25")

