



# Caerbond Automotive Instruments

*"The original makers of SMITHS instruments"*

## Instructions for Electric Clock

**Caution**  
Disconnect the battery cable prior to

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For further information go to the Caerbond Automotive web site "www.smiths-instruments.co.uk".  
Products designed and manufactured under ISO

### Mounting

1. When mounting the clock in a panel cut a clearance hole of either 52mm (2.05") diameter or 60mm (2.375") depending on the clock model purchased.
2. Insert clock into hole and secure with fixing bracket, washers and thumb nuts provided, after connecting to the electrical system.

### Wiring Installation

Connect terminal (A) to a positive 12 volt permanent supply [battery positive] through a 3 amps fuse and (B) to zero volts [battery negative].

### Setting Operation

Note there are two alternative designs of setting mechanism dependant on the model you have purchased;-

1. Front operated button through the face of the clock window.
2. Remote operated button connected by approximately by 300mm of wire through the back of the case. (some clocks have both a front button and a remote button – in which case the front button will be a “dummy” and the clock is set by the remote button). The remote button can be mounted (6mm hole) on the instrument panel or discretely out of sight dependant on the operational and aesthetic preferences of the user.

### Setting Time

Note to advance the time the clock must be connected to the power supply of the vehicle (see wiring diagram).

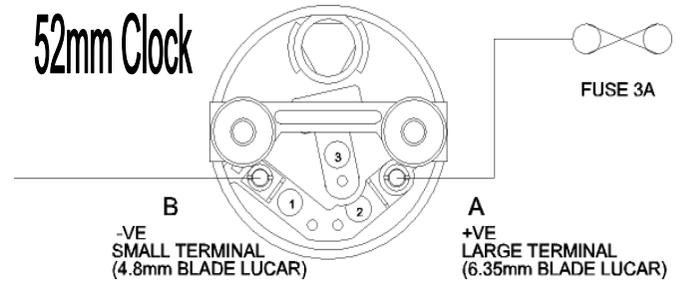
1. To advance the time one minute, press the set button once.
2. To advance the time more than one minute, press the set button and hold until the desired time is reached.

### Illumination

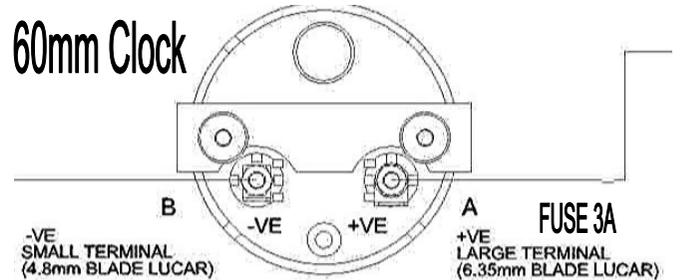
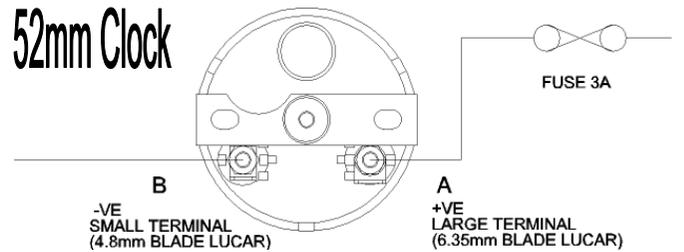
**Caution;** MAXIMUM power of lamp is 2.2 watts and it is ESSENTIAL to push the lamp/ lamp-holder fully into the lamp tube at rear of case.

1. Assemble bulb and holder.
2. Install bulb and holder fully into the lamp tube at rear of case.
3. Connect one wire/terminal from the lamp holder to the switched 12 volts illumination supply and the other wire/terminal to zero volts [battery negative]

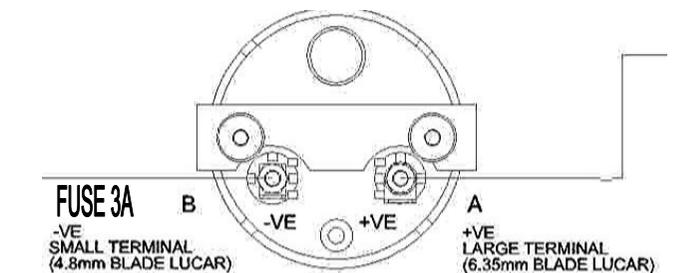
### Wiring Diagram—Plastic Case



### Wiring Diagram—Metal Cases



### Wiring Diagram—Metal Cases Positive Earth 52mm & 60mm



Connect to Vehicle Chassis (Battery Pos)