

- Red LED 1: Flashes every second if GPS signal is present
- Red LED 2: on = invalid time off = correct GPS time
- Reset: Starts initialization + reading of GPS signal
- S3: Micro switch 12 hour (hour hand)
- S4: Micro switch hour (minute hand)
- S5: Micro switch minute (commutator)

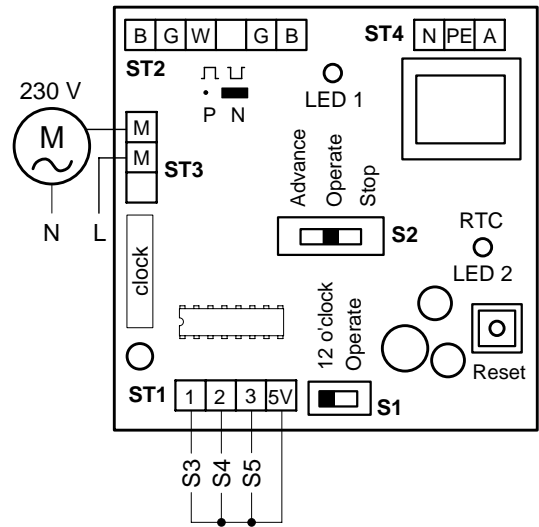
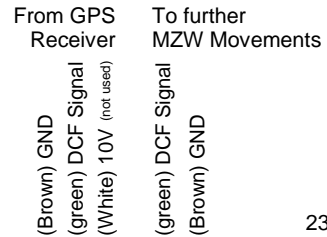
The position of the clock hands are checked every hour and every 12 hours.

Commissioning:

1. Slide the switch S2 to 'Operate'. (If not already in this position)
2. Slide the switch S1 to '12 o'clock'.
3. Connect to 240V mains. The hour and minute shafts move automatically to '12 o'clock' and stop.
4. LED 2: RTC (Real Time Clock) "ON"
5. Mount the clock hands. (NO retaining compound on the grab screws!! Just tighten the screws firmly)
6. Slide switch S1 to the 'Operate' position.
7. The movement automatically advances the hands to the correct local time .
8. LED 2: RTC turns "OFF" indicating synchronisation.

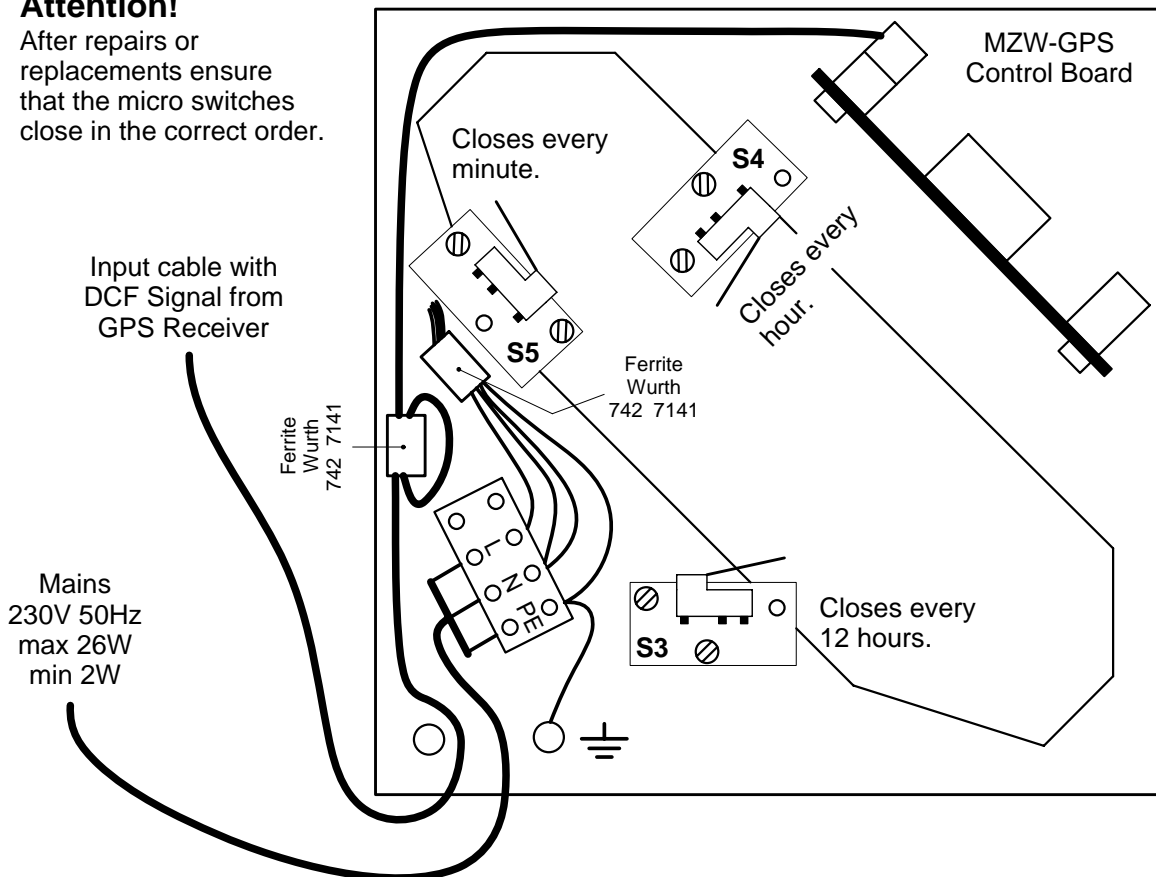
The RTC LED 2 remains 'ON' while switch S1 is in the 12 o'clock position.



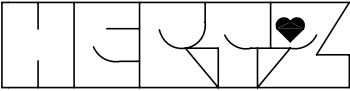


The micro switches must close in following order:
S3 > S4 > S5 for the hands to stop at 12:00 o'clock.



Attention!

After repairs or replacements ensure that the micro switches close in the correct order.



JOB NO.:	DWG NO.:	TITLE: Connection Diagram for Self-Correcting GPS/DCF Controlled MZW Tower/Facade Clock Movements	  
DATE:	SCALE:	CLIENT:	  Hertz Electronics Pty Ltd A.B.N. 24 002 885 967
DWN: NM	SIZE: A4	COPYRIGHT: The drawing remains the property of Hertz Electronics P/L and may not be used, copied, or reproduced, in whole or part in any form without written permission.	539 GLENMORE ROAD, EDGECLIFF NSW 2027 PH: -61-2 -9363 3029 FAX: -61 -2 -9327 7827 email address: sales@hertzelectronics.com.au hertz web site: WWW.hertzelectronics.com.au