

Operating Instructions -TGTLCL

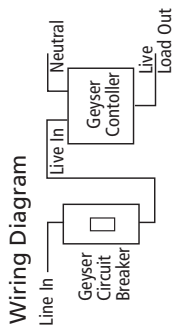
- Operating Temp -20°C to 55°C
- Switch Off Mains and place controller in DB board if space allows
- Use DINADAPT(supplied) if Circuit breaker mountings are not Din Rail type
- If no space is available in DB board a surface mounted enclosure with Norsk twin and earth wire is required
- Apply a new wire (jumper) from Output of Geyser Circuit breaker to Live (L) input of Controller. "top of controller"
- Apply Neutral wire from DB board in (N) Neutral terminal of controller. "top of controller"
- Disconnect wire from Geyser Circuit breaker and connect to (L) Load out "bottom of controller"
- Switch on Mains
- Program Option 1 will be selected as a default setting
- If Controller is selected to come on after "Peak demand times(6-8) it will have a random switch on time upto 30 min.
- If controller is OFF the Overload button can be pressed to switch on the controller Immediately but will not come on during "peak times"
- Weekend time can be selected with Option 1 leaving the Controller on during Sat and Sun during peak times
- To verify RTC (Real Time Clock) hold in "override" and "program" buttons together. Program option LED 1 will flash hours/minutes/day of week. Example: 09:35 Wednesday - 9 flashes (hours) / 35 flashes (minutes) / 4 flashes (day of week)

Program options Pre set times (Four available)

Note: (Due to "Peak demand" all options have Lock out times between 06:00 - 8:00AM and 18:00 - 20:00PM Mon to Sun, 2 hours in the morning and two hours in the evening)

To select between Program 1 to 4 push Program button for 2 seconds and release.
The LED will flash continually indicating selected option.

PLEASE NOTE:
There is a internal connection between
the Live Input and Load Out of 220V AC



- Please note:
- All electrical installations should be done by a qualified electrician.
 - The maximum current rating is 20 Amps.
 - Resistive loads (geysers, under-floor heating and lights).
 - Inductive loads (pool pump, air-conditioners).



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TGTLC

Geyser Timer Load Controller



HellermannTyton

- Rated Voltage 220 - 240V AC (50 - 60HZ) Internal Relay Contact
- Four Preset times with peak demand lockout between 6:00 - 8:00AM and 18:00 - 20:00PM (Mon to Fri)
- Random comeback up to 30min
- Time and Date preset + 2Hr GMT (South Africa)
- Override option 2 hours
- Weekend mode option
- 3 Year Warranty
- 3 Year backup battery
- Max 20A (3500 Watts) (resistive loads geysers)
- Max 10A (inductive loads pool pumps)
- Time limit drift under 3 min/year
- Din Rail mounted
- Mini Rail adaptor (DINADAPT)
- IEC 60730-2-7; 60730-1; 60669-1; 60669-2-2 / RCC Certificate
- Electrostatic, Electromagnetic field immunity certificate available

FREE
2 x Dinadapt
& Spaces



Specifications according to Eskom's RMR project

Program options Pre set times (Four available)

Option 1 (Default recommended) as well as weekend times

Control is always on except peak demand lock out times from Mon to Sun. For weekend peak lock out times do not apply.

Mon to Fri

On Off

00:00 - 06:00 06:00 - 08:00 08:00 - 18:00 18:00 - 20:00 20:00 - 24:00

Weekends

00:00 - 24:00

Option 2 (Override option will switch on geyser anytime for 2 hours except for peak demands)

On Off

04:00 06:00

11:00 14:00

16:00 18:00

21:00 23:00

Mon to Sun

On Off

04:00 - 06:00 06:00 - 11:00 11:00 - 14:00 14:00 - 16:00 16:00 - 18:00 18:00 - 21:00 21:00 - 23:00 23:00 - 04:00

Program options Pre set times (Four available)

Option 3 (Override option will switch on geyser anytime for 2 hours except for peak demands)

Control is always on except peak demand lock out times from Mon to Sun. For weekend peak lock out times do not apply.

On Off

04:00 06:00

15:00 18:00

Mon to Fri

On Off

00:00 - 04:00 04:00 - 06:00 06:00 - 15:00 15:00 - 18:00 18:00 - 04:00

Weekends

00:00 - 24:00

Option 4 (Override option will switch on geyser anytime for 2 hours except for peak demands)

On Off

08:00 10:00

16:00 18:00

20:00 22:00

Mon to Sun

On Off

22:00 - 08:00 08:00 - 10:00 10:00 - 16:00 16:00 - 18:00 18:00 - 20:00 20:00 - 22:00