

3P TCS9 Series Controller

Time Controlled Level Switch - For Scheduled Tank Filling/Drainage

- Works with float switches and level switches
- Timed operation with 7 day scheduling
- High load capacity 20A
- Manual over-ride of timer function
- Control of Pumps, Solenoids and Motorised Valves

The TCS9 Time Controlled Level Switch is designed for use with tank level control applications such as the filling or emptying of a tank that is being controlled by a float or level switch.

The TCS9 has the ability to limit activity by time or day (7 day timer). It is designed for applications in which the filling or emptying of a tank can be allowed only within one or more controlled time windows during a 7 day period. It is useful for sites where limited water pressure or pipe size require restricted operation of high flows at times of peak demand or where noise restrictions disallow the operating of pumps or valves at night.

The TCS9 controller can also be used to restrict the availability of a switch controlled pump or valve where access to pumping should be limited to business operating hours such as tanker filling, etc.

A 20 Amp switching capacity allows the connection of larger appliances than a normal float switch, and without the voltage loss associated with long lengths of cable to a float switch, allowing the float switch to be extended to very long distances without loss of performance at the connected appliance.



It is ideal for use with water and liquid storage tanks, chemical storage and dispensing, diesel tanks, bowsers, tankers and other uses.

In addition to the programmable timer function a manual over-ride setting allows operation to be enabled or disabled manually, so the unit can be set to always operate or never operate regardless of the programmed timer settings.

In the event of a power outage, timer settings will be retained for up to 200 hours by an on-board rechargeable battery integrated into the timer module. Time of day will also update as normal so there is no resetting or re-programming required and no loss of time normally associated with mechanical timers.

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Technical Specifications

Control Unit

Width	120mm
Height	160mm
Depth	90mm
Timer Range	7 days
Timer Granularity	1 minute
Day Scheduling Programs	Daily Mon-Fri, Sat-Sun Mon-Sat Mon+Wed+Fri Tue+Thu+Sat Mon+Tue+Wed, Thu+Fri+Sat
Power Consumption	4.4w Standby 10.2w Operating
Supply Voltage	230V _{AC}
Operating Temp Range	0 - 40°C
Material	Polystyrene
Ingress Protection	IP65

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