



Palazzoli GROUP

DTC

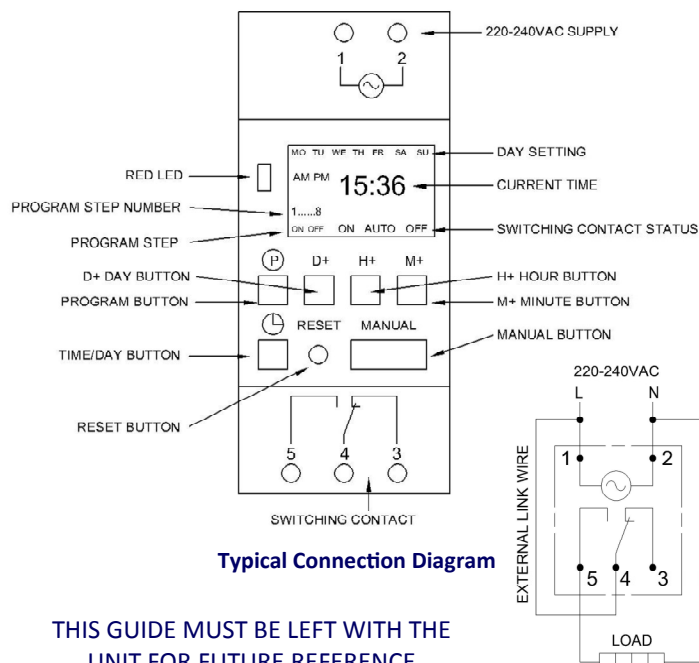
Digital Time Clock
Single Channel 24hr 7 day Programmable



General Information

This device must be installed and tested by a qualified electrician in accordance with the latest edition of the IET wiring regulations for electrical installations BS7671
The power consumption of connected electrical appliance shall be within the limitation of the rated switching capacity.

Technical Data	
Reference standard	IEC60730
Rated Voltage	220-240V 50Hz
Output switching contact	1x Changeover
Load Switching capacity (Resistive)	16A 250VAC
Programmable timer settings	8 ON / 8 OFF
Power Consumption	5VA
Minimum time setting interval	1 minute
Time keeping precision (at 25 °C)	+/- 1 sec per day
Protection against electric shock	Class II
Ingress Protection to EN60529	IP20
Operating temperature	-10 to +55°C
Terminals line/load	1-6mm ²
Terminal tightening torque	1.2Nm
Mounting method	35mm Din rail
Overall Dimensions (mm)	36W x 82H x 66D
Display	LCD



Switching contact

The switching contact is 'volt free' hence it will not provide a switched live output via terminals 3 or 5 unless terminal 4 is connected to the line wire of a permanent power source (terminal 1)

Battery back up

The unit is equipped with a battery back up.
In the event of mains power failure, the battery will enable program retention for a period of 150 hours. The battery is not replaceable.

Initial Set up

Once the main supply is connected, lightly press the RESET button to energise the LCD display. This will also allow the battery to charge.

Setting 12hr or 24hr mode

This unit can display the time in both 12hr (AM/PM) or 24hr mode. The unit is factory set to 24hr mode.

To select 12hr mode, press and hold \odot for 5 seconds. (The display reverts to AM 12hr). To return to 24hr mode, press and hold \ominus for 5 seconds.

Setting present day and time

Press and hold \odot and **D+** simultaneously to select the current **Day**

Press and hold \odot and **H+** simultaneously to select the **Hour**

Press and hold \odot and **M+** simultaneously to select the **Minute**

Programming

Step	Key	Programming
1	Press & release P	Setting 1 ON time (display 1 ON)
2	Press D+	Select required days of week (See table below)
3	Press H+ / M+	Set ON time (hour/ minute)
4	Press & release P	Setting 1 OFF time (display 1 OFF)
5	Press D+	Select required days of week (See table below)
6	Press H+ / M+	Set OFF time (hour/ minute)
7	Repeat steps 2-6	Up to 7 more ON/OFF programming slots available
8	Press \odot	End programming . Display reverts to current status

To cancel a programmed setting, scroll to the desired setting within the program, and press MANUAL. The programmed setting will be cleared and can be re-entered using programming steps 2-3

D+ Setting Options			
1	MO TU WE TH FR SA SU	6	WE
2	MO TU WE TH FR	7	TH
3	SA SU	8	FR
4	MO	9	SA
5	TU	10	SU

Setting	Switching Contact Status	3-4	4-5
ON	Programmed time settings manually overridden. Contact will remain in this position until override is switched OFF	Open	Closed
ON AUTO	Contact changes state according to ON setting of timer program	Open	Closed
OFF	Turn off manual override. All programmed timer settings are ignored in this mode.	Closed	Open
AUTO OFF	Contact changes state according to OFF setting of timer program	Closed	Open

Red LED

The red LED is illuminated when the timer is in the ON status and the switching contact has changed state (open 3-4 / closed 4-5)