



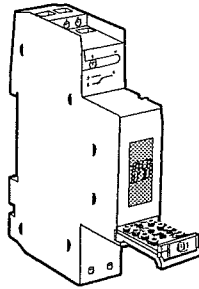
CBTDIGI PROGRAMMABLE TIMER

OPERATING INSTRUCTIONS

CBTDIGI

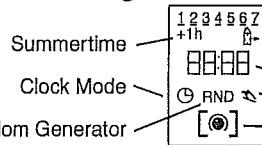
KEY PAD AND DISPLAY FUNCTIONS

KEYPAD



- Select Turns on or off the programmed days
- Day Selects the current or programme day of the week 1=Monday
- Prog Selects and saves the prog settings
- ☉ Selects the current day and time
- h+ time in hours (24 hour clock)
- m+ time in minutes
- 🗓 Holiday Programme
- 🔧 Manually changes the Relay contacts from ON to OFF
- RND Random programme generator
- +1h Winter/Summer time switch (+1h Summertime)
- Res Erases all stored information and current time settings

DISPLAY



WARNING:
DO NOT USE
SHARP OBJECTS
TO OPERATE
PUSH BUTTONS

SETTING STANDARD TIME

- Press the "Reset Key". This deletes all switching times and the time setting.
- During daylight saving period press the "+ 1h" key.
- Hold down the "☉" key and set the hours, minutes and day by pressing the "h+", "m+" and "Day" keys.
Note: Monday = 1, Sunday = 7. 24 Hour Clock only
- Release the "☉" key and the ":" should flash one/second intervals.
Note: Keep the ☉ Key pressed until the day, h+ and m+ have all been set.

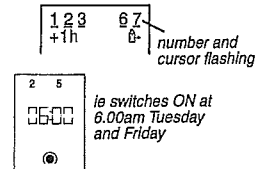
MANUAL SWITCHING MODES

The current switching state can be changed at any time with the "🔧" key.
This manual override facility doesn't alter any of the programmed information.

	AUTOMATIC MODE	MANUAL MODE	CONTINUOUS OPERATION
DISPLAY	☉ ● = on ☉ ○ = off	🔧 ● = on 🔧 ○ = off	🗓 ● = Continuously ON 🗓 ○ = Continuously OFF
DISCRIPTION	The output will switch according to the programmed times	The output will remain ON or OFF until the next Automatic switching command	The output will continuously remain ON or OFF as selected until the "🔧" key is used to restore the programmed timed functions.

SETTING THE PROGRAMME TIMES

- Switching can take place in any combination of 42 memory locations (21 on spaces and 21 off spaces)
- Press the "Prog." Key until a free memory location is shown ie. ":-:-"
- Select the switching function "●" (ON) or "○" (OFF) with the "🔧" key.
- Press the "ht" and "mt" keys to set the program time. If the switching command is required every day then press the "PROG" key to save the programme. If not then press the "day" key to scroll through to the day not to have the switching command carried out. Pressing the "Select" key will cause the day of the week and cursor to flash. Continue deselected other days with the "day" and "select" keys until finished.
NOTE: Days deselected can be reselected by the "Select" key.



5. Save with the "PROG" key (the next free memory location will be displayed) or press the "⌚" key to switch back to automatic mode. Press "Prog" key again and the number of free spaces is displayed.
6. Program times can be changed at any time by pushing the "Prog" key until the time to be changed is displayed. The new data can be entered by the same method described above.

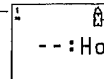
DELETING PROGRAMMED SWITCHING TIMES

1. Keep pressing the "Prog" key until the time to be deleted is displayed.
2. Set to "--" with the "h+" and "m+" keys and then hold the "⌚" down for 3 seconds.
3. The switching time will now be deleted. The display will return to the current time when the key is released.

SETTING A HOLIDAY PROGRAM

1. Enter switching times as described previously entering each switching time with the "⏸" key
Note: "⏸" key can only be used if all days of the weeks are selected
2. After entering each of the switching times for the holiday programme press the "⏸" key. The "⏸" symbol will appear in the top right hand corner of the screen in each switching time to be executed.
3. Press the "⌚" key to get back to the current time display.
4. Press the "⏸" key once. The following image will appear.

Cursor of the current day of the week flashes



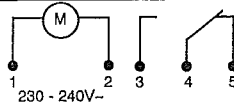
Ho = Holiday

5. If the holiday programme is to start on a different day to the current one (max 6 days ahead only) use the "Day" key to select the day on which the holiday programme is to commence.
6. Press the "Select" key until the duration of the holiday programme in days is displayed (1 to 99).
7. Press the "⌚" key to save the entries (To abort the holiday programme press "⏸" once if the program has already started and "⏸" twice if programme has not yet started).

SETTING A RANDOM PROGRAM

1. Random switching times are within the following fixed values
 On - max 60 minutes, minimum 5 minutes.
 Off - max 30 minutes, minimum 5 minutes
2. Press "RND" and "⏸" to switch on the random programme.
3. Pressing "⏸" 5 times switches off Random mode and returns to automatic mode.

WIRING



SPECIFICATIONS

Rating	230 - 240V a.c. 50Hz	Accuracy	± 2.5 sec/day at 20°C
max resistive load	16A	Running Reserve	150hr
max inductive load 0.6pf	2.5A	Initial Charging Time (constant charge battery)	140hr
max Incandescent Load	1000W	Channels	1
Shortest switching time	1 min	Operating Temperature	-10°C to 55°C
Programming Spaces	42-(21on/21off)	Power consumption	5VA
Holiday Programme	max 99 Days		

PRODUCT WARRANTY / 12 MONTHS

The PDL Cat CBTDIGI has a 12 month warranty from the date of purchase provided the unit is installed by a registered electrician. This warranty covers faulty materials and/or factory workmanship only and is void on any unit which has either been tampered with, damaged by accident, improper operation, or incorrect installation. In the event a warranty claim is to be made, the product must be returned to the point of purchase together with proof of purchase.

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Manufacturers of Electrical Products

08/99

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