

TIME SWITCHES

ETS..

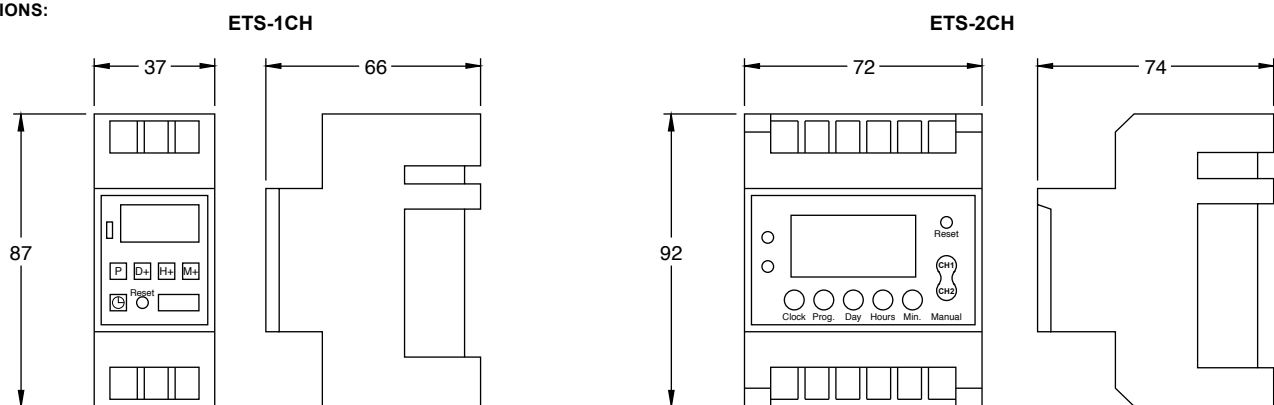
These time switches can be used to control heating, lighting, appliances, etc.



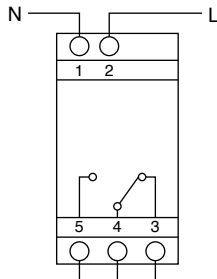
200 hrs battery reserve
24hrs & 7 days Program
LCD display
LED indicator
Din Rail Mounting
Operating temp: -10/+40°C
Minimum setting time: 1 minute
Current consumption: 4.4W
Life expectancy: 100000 operations
Accuracy +/-1 min per month

Type	Channels	Supply	Programs	Switch Rating	Protection
ETS-1CH	1	230VAC	8 ON/OFF programs / day	1 x 230VAC 16(8)A SPDT	IP30
ETS-2CH	2	230VAC	4 ON/OFF programs on ch1 / day 3 ON/OFF programs on ch2 / day	2 x 230VAC 16(8)A SPDT	IP30

DIMENSIONS:



WIRING:



The live connector must be protected with a MCB or fuse of max 16A.

Connect the circuit to be controlled between terminals:
4 and 3 for a closing function
4 and 5 for an opening function

Setting the Clock

Press the 'clock' button and hold, simultaneously press the:
D+ button until the correct day
H+ button until the correct hour
M+ button until the correct minute

Then release both buttons and the clock will be set.

Viewing and Changing Settings

Press P several times to view each setting and use the H+ and M+ buttons to make any time changes if desired, then press P to validate.

Resetting

To reset the timer press the 'reset' button. This will erase all clock and program settings.

Manual Override

Use the 'manual' button to override the program by pressing it several times to select, Permanent ON, Permanent OFF or back to Auto (Auto mode is the mode which uses the program settings).

Summer/Winter Changeover

To change from winter to summer time press the 'Hour' and 'Min.' buttons simultaneously. The clock will be set forward 1 hour and an "S" will appear in the display. Repeat this procedure to select winter time.

Random Mode

To enter Random mode press the 'Day' and 'Hour' buttons simultaneously - an "R" will appear on the display. The Random mode and programs will work at the same time separately.

PROGRAMMING: Setting the Programs

Settings can be programmed for a day or a block of days.

There are six block options:

Mo Tu We Th Fr Sa Su
Mo Tu We Th Fr
Sa Su
Mo Tu We Th Fr Sa
Mo We Fr
Tu Th Sa

Press the P (Prog.) button to set the first ON setting.
Press D+ (Day) button to select the desired day or block of days.
Then press the H+ (Hour) and M+ (Min.) buttons to set the time.
Once correct press the P button again to validate.
Now set the OFF setting the same way, pressing P to validate once correct.
Repeat for the remaining ON and OFF settings required.

When all the settings have been programmed press the 'clock' button and the timer is ready to operate.

ETS-2CH only: select channel by pressing the CH1 or CH2 button.