



# EWTS-EWPH Timer EWCH Conta Impulsi

COMMERCIAL REFRIGERATION



## EWTS950(LX)-990(LX) Timer

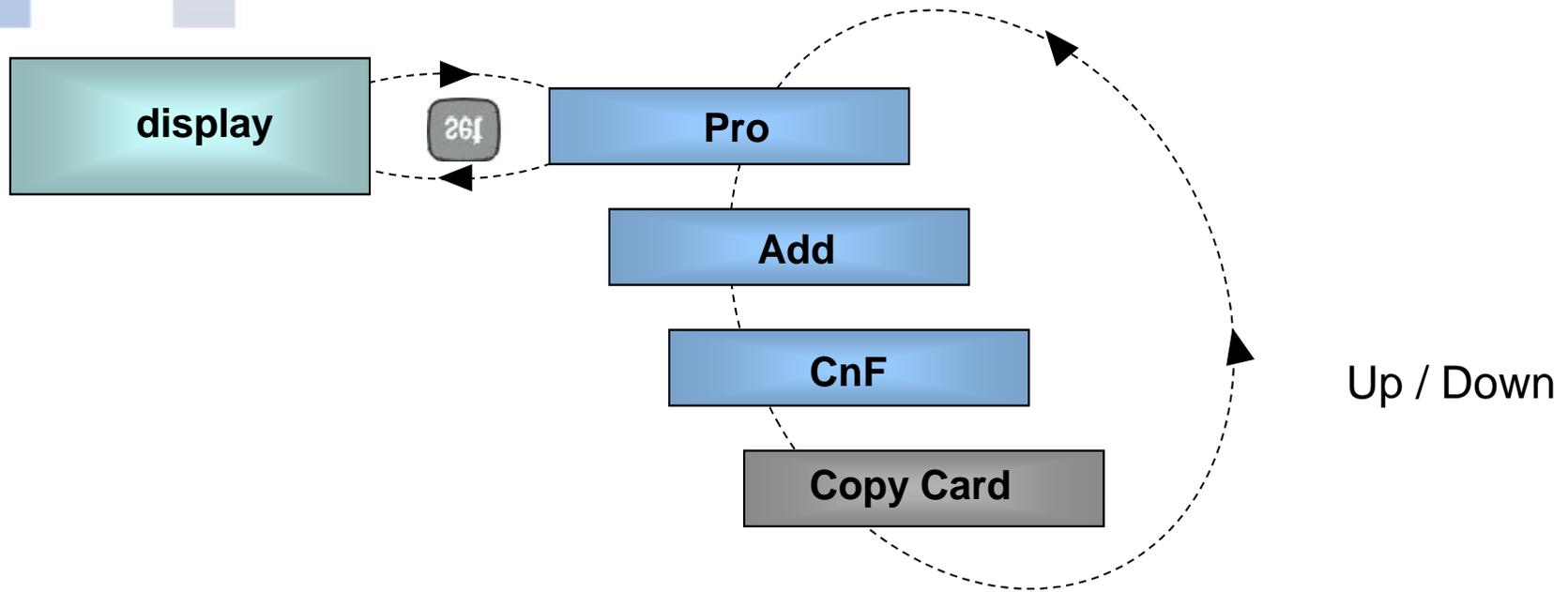
### New Timer, standard dimension 32x74. Characteristics:

- 4 digits display
- Screw connection
- PowerSupply:12Vac/dc or 230V (part-number)
- Display and working range adjustable in:  
9999hours, 99hours-59min, 99min-59sec, 99sec-99cent
- Version LX are Televis Compatible (through external BusAdapter )
- Optional connection to external battery (9V, PP3 type) be ordered separately
- CopyCard
- Models:  
EWTS950(LX)  
EWTS990(LX)



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## EWTS950(LX)-990(LX) Timer



The **Menu**, organised by folders, allows to choose the parameters selecting the related groups.

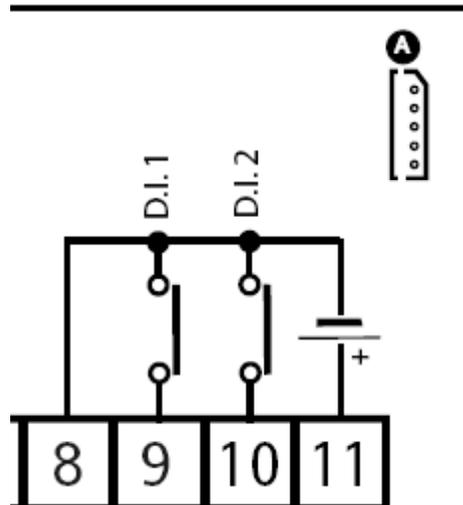
Up to two passwords ensure different programming levels

# EWTS950(LX)-990(LX) Timer



4 Push-Button user interface, with Up, Down ed fnc programmable as:

- Start-Stop
- Reset
- Stand-by



2 Digital inputs programmable as::

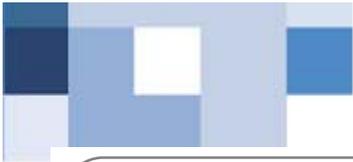
- Count Enable
- Reset
- Stand-by

## EWTS950(LX)

### New Timer 32x74. Characteristics:

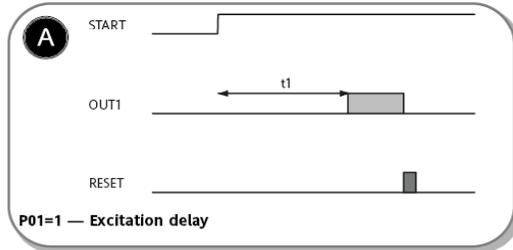


- Replace controller with same name (EWPC case)
- Output: 1, Relay 8(3)A@250V, SPDT

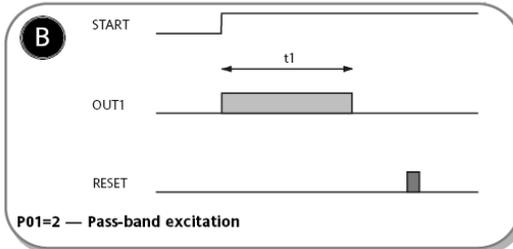


# EWTS950(LX) Working mode

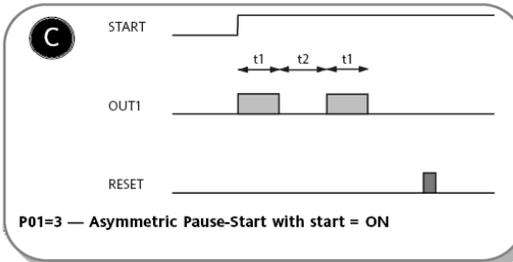
## OUTPUT 1:



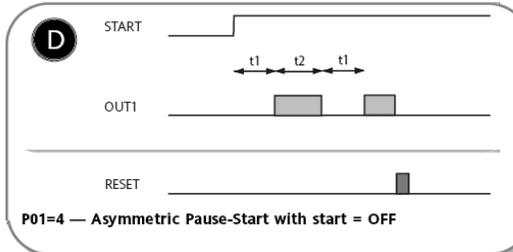
- Delayed at switching-on: output is activated after an adjustable delay



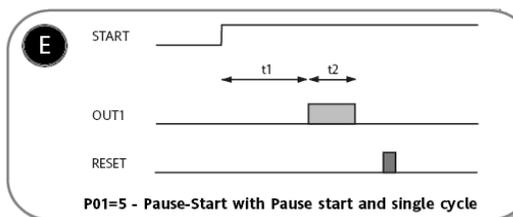
- Delayed at switching-off: output is de-activated after an adjustable delay



- Pause-Start, start with output on: duty cycle according to adjustable times



- Pause-Start, start with output off: duty cycle according to adjustable times



- Pause-Start, start with output off: duty cycle according to adjustable times, makes one cycle only

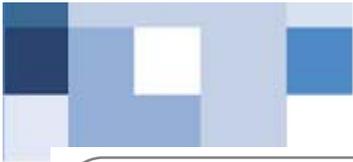


## EWTS990(LX)

### New Timer 32x74. Characteristics:

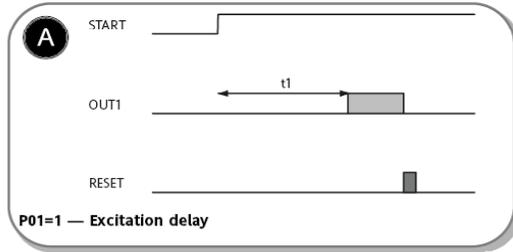


- Replace controller with same name (EWPC case) NO  
RTC
- Outputs: 1, Relay 8(3)A@250V, SPDT  
1, Relay 8(3)A@250V, SPST

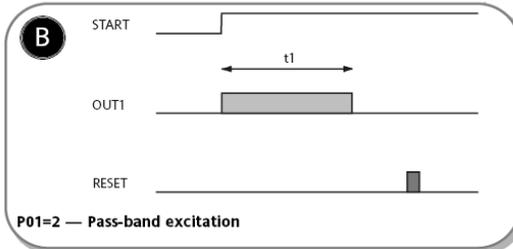


# EWTS990(LX) Working mode

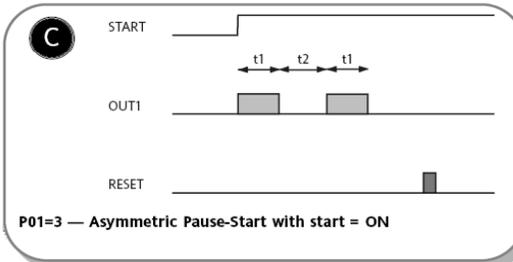
## OUTPUT 1:



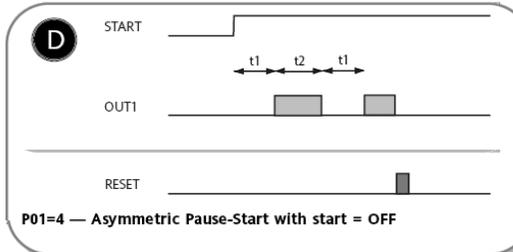
- Delayed at switching-on: output is activated after an adjustable delay



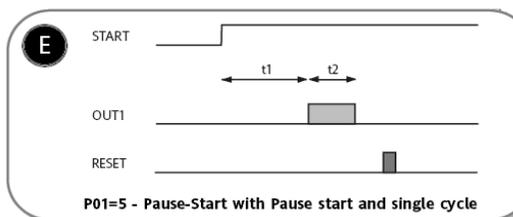
- Delayed at switching-off: output is de-activated after an adjustable delay



- Pause-Start, start with output on: duty cycle according to adjustable times



- Pause-Start, start with output off: duty cycle according to adjustable times



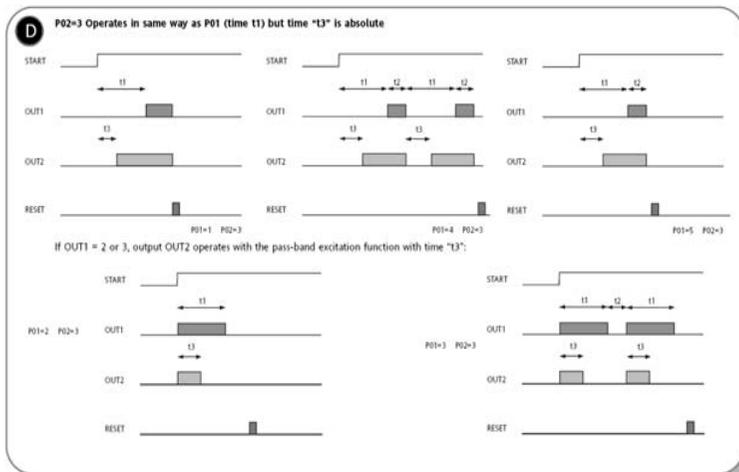
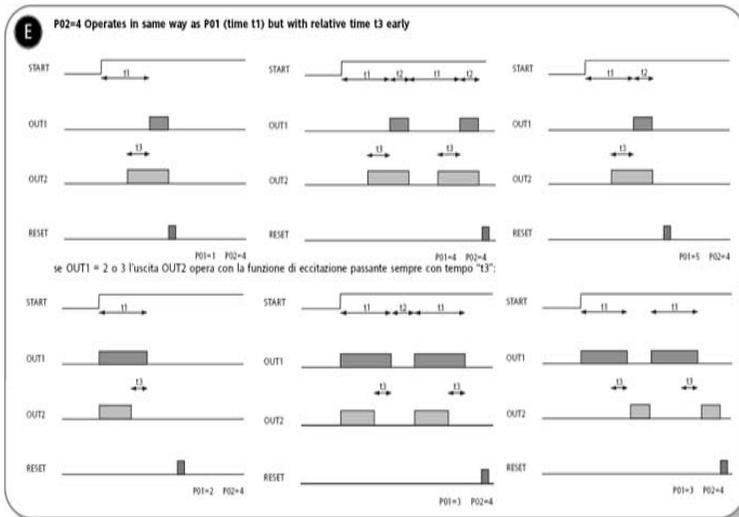
- Pause-Start, start with output off: duty cycle according to adjustable times, makes one cycle only



# EWTS990(LX) Working mode

## OUTPUT 2:

- As output 1: works in parallel to output 1, Stop at reset
- Instantaneous: switched on when counting starts. Stop at reset



- As output 1 (Parameter), but switched on after t3, counted at power on

- As output1 (Parameter) but switched on or off after t3 counted "in advance". Output is activated when t1-t3 has been counted

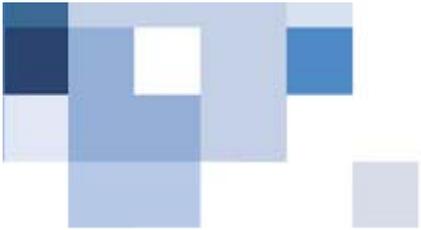
## EWPH480

### Timer 48x48. Characteristics:

- 4 digits display
- Screw connections
- PowerSupply :12Vac/dc,24Vac/dc,24Vac,110Vac  
230Vac,100...240Vac different part-number
- Display and working range adjustable in:  
9999hours, 99hours-59min, 99min-59sec, 99sec-  
99cent
- Internal Battery. Counts also in case of blackout
- Output relay 8(3)A@250V
- Shows counted time or count-down



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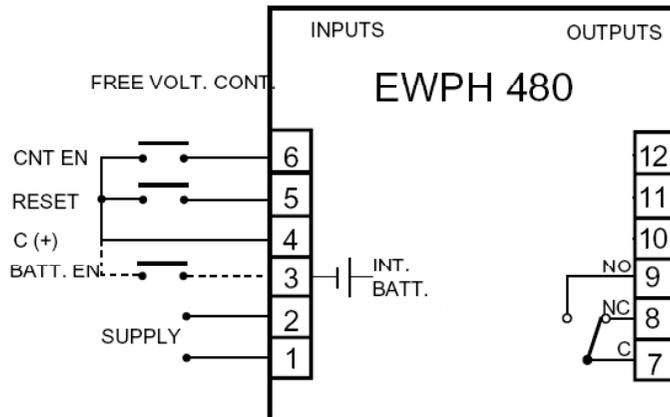


## EWPH480



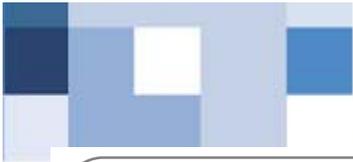
4 push-buttons, where F could be set as:

- Reset-Start/Stop
- Reset-Start-Stop
- Reset/Start/Stop



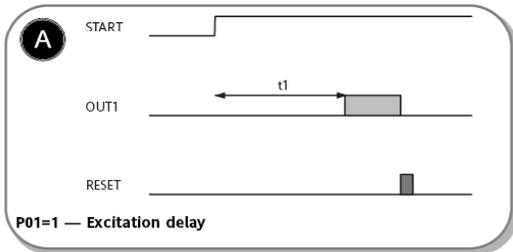
3 digital input:

- Count Enable
- Reset
- Backup battery

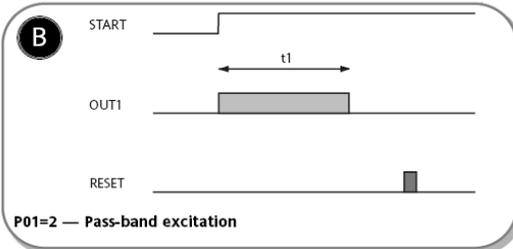


# EWPH480 Working mode

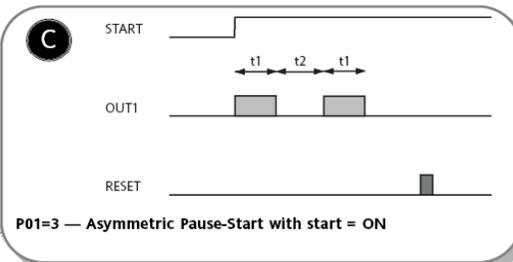
## OUTPUT 1:



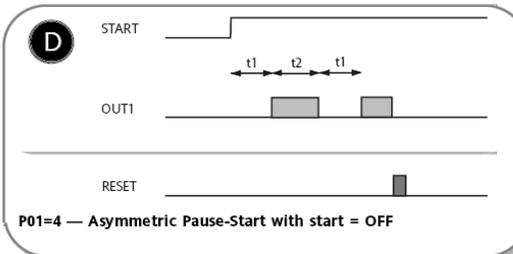
- Delayed at switching-on: output is activated after an adjustable delay



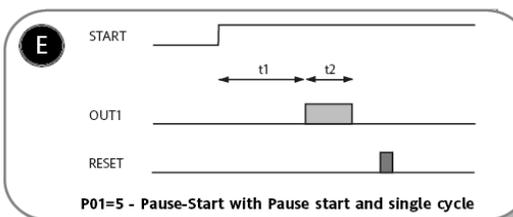
- Delayed at switching-off: output is de-activated after an adjustable delay



- Pause-Start, start with output on: duty cycle according to adjustable times

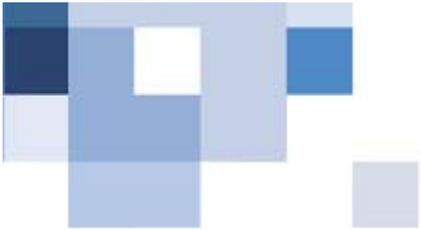


- Pause-Start, start with output off: duty cycle according to adjustable times



- Pause-Start, start with output off: duty cycle according to adjustable times, makes one cycle only





## EWCH485

### Pulse counter 48x48. Characteristics:

- 4 digits display
- Screw connections
- PowerSupply :12Vac/dc,24Vac/dc,24Vac,110Vac  
230Vac,100...240Vac different part-number
- Display and working range adjustable in max 9999 pulse counted
- Output 8(3)A@250V
- Shows counted time or count-down



## EWCH485

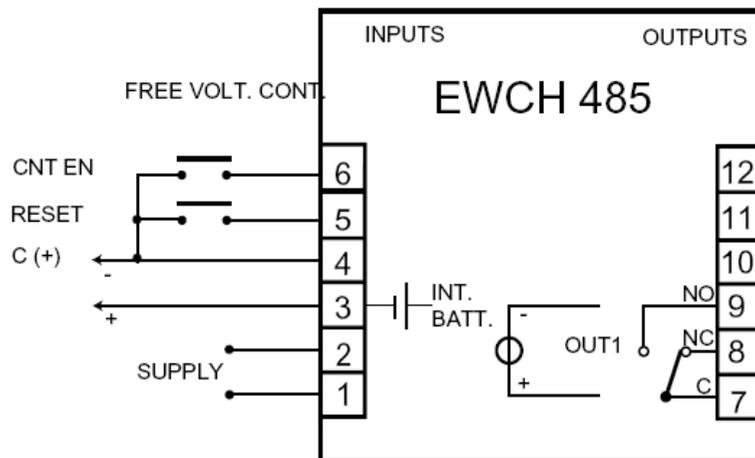
4 push-buttons, where F could be set as

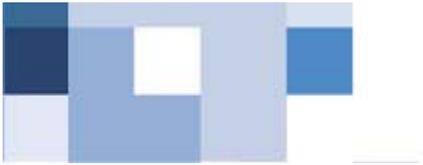
- Reset



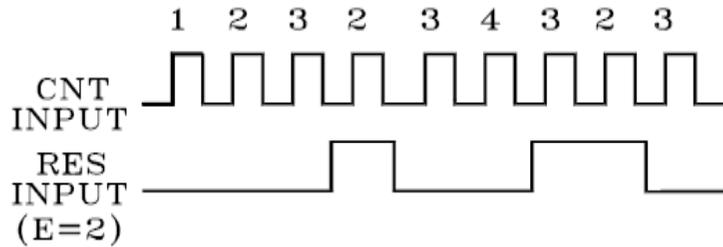
2 digital input

- Count Enable
- Reset

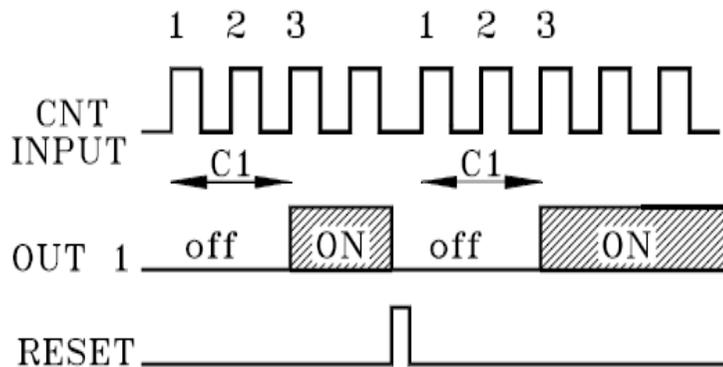
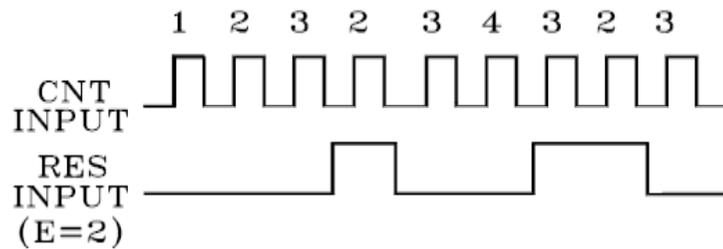




# EWCH485 Working mode

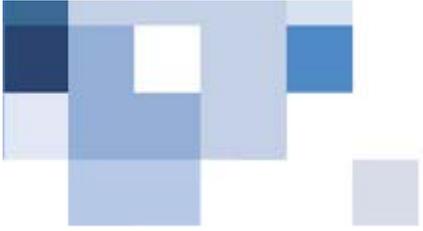


FUNCTIONING OF THE COUNTING COMMANDS



## OUTPUT 1:

- When set is counted output is activated for “r” time. After the time counting is reseted, output switched off and controller is ready for a new cycle
- As before but during “r” counting is not stopped. When “r” is reached output is switched off ed counting restart from the value reached during “r”
- As before, but when set is reached output is activated until the reset



Thanks!

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