



48 x 48mm

## Dual Display, Multifunction Timer PTR745

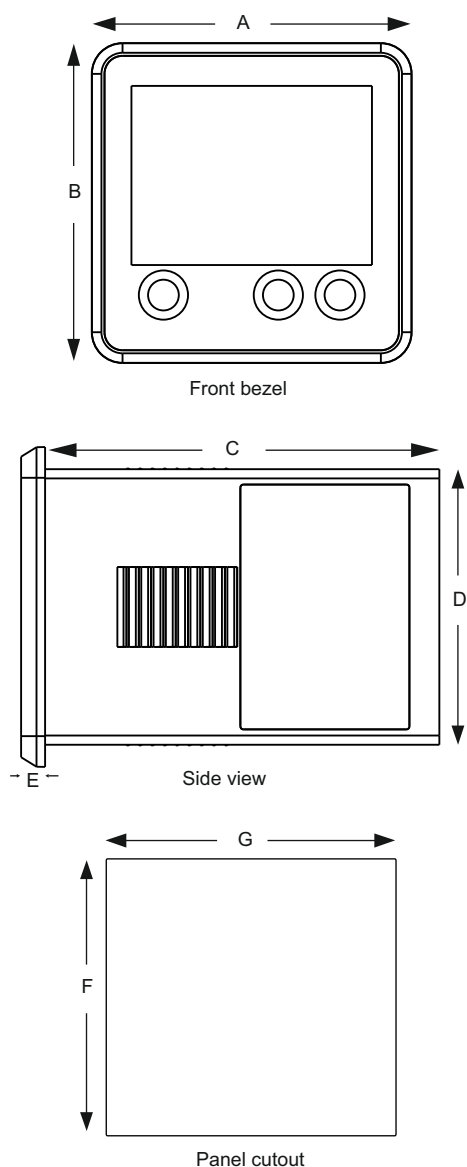
### Features

- 3+3 digits, 7 segment LED, Dual display
- Multifunction, Multi-range timer
- Single set point
- Compact size

### Applications

- Packaging industry
- Lighting control
- Textile industry
- Industrial automation
- Manufacturing processes

## Dimensions (All are in mm)

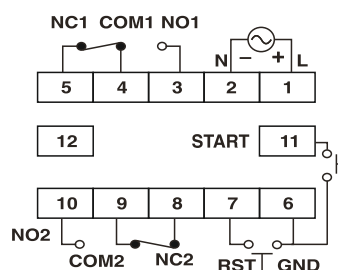


MODEL	DIM	A	B	C	D	E	F	G
PTR745		52	52	76	45	4	46	46

## Technical specifications

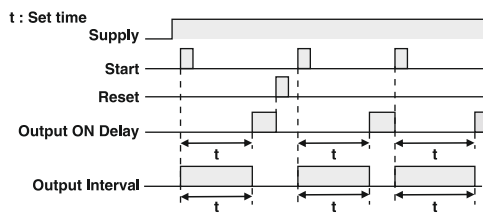
Display specifications	
Display	3+3 digits, 7 segment LED, Dual display Upper display: White Lower display: Green
LED indication	Relay: R, Seconds (S), Minutes (M), Hours (H)
Input specifications	
Accuracy	Setting: $\pm 0.05\%$ of set time or 50msec (Whichever is greater), Repeat: $\pm 0.05\%$
Start input	Gate/Pulse (Programmable)
Output specifications	
Contact rating	5A @250V AC/24V DC, Resistive
Relay contact	2X SPDT
Functional specifications	
Modes	ON delay, Interval, Cyclic ON first, Cyclic OFF first
Time ranges	9.99/99.9/999 sec, 9.59 min: sec, 99.9/999 min, 9.59 hour: min, 99.9/999 hr
Resolution	0.01 sec
Counting direction	Up/Down (Selectable)
Set point	1
Time setting	By keys on front panel
Reset	Front, Remote, On power interruption (Programmable)
Memory retention	Yes
Configuration lock	Yes
Auxiliary supply specifications	
Supply voltage	90 to 270V AC/DC, 50/60 Hz, 5VA max
Environment specifications	
Temperature	Operating: 0 °C to 50 °C (32 °F to 122 °F) Storage: -20 °C to 75 °C (-4 °F to 167 °F)
Humidity (Non-condensing)	95% RH
Mechanical specifications	
Mounting	Panel mount
Weight	120 gm

## Terminal connection

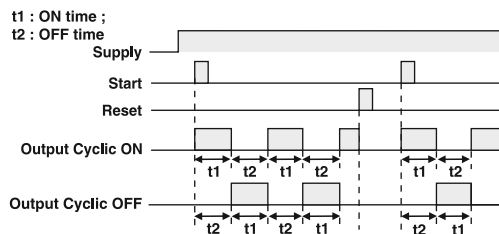


## Timing diagrams

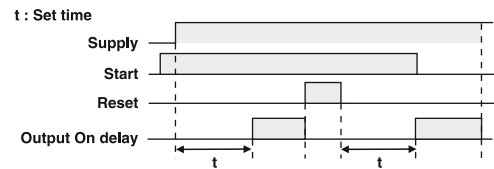
### 1. On delay, Interval modes :



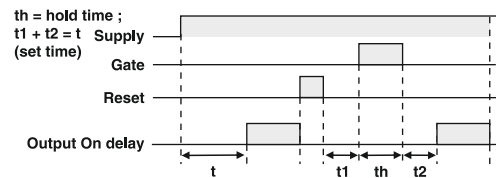
### 2. Cyclic ON first, Cyclic OFF first modes :



### 3. Typical application of Continuous start and reset and in On delay mode :



### 4. Typical application of Gate start :



## Ordering information

Product code	Output1	Output2	Supply voltage
PTR745	RELAY (5A)	RELAY (5A)	90 to 270V AC/DC