

Etsilon



48 x 48mm

Multifunction Timer PTR725

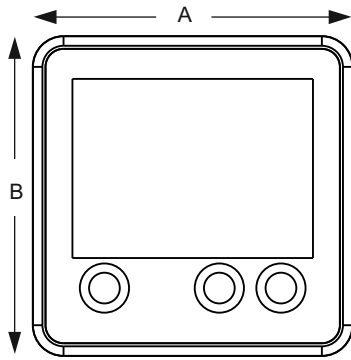
Applications

- ▶ Alarm systems
- ▶ Exhibit displays
- ▶ Signage and displays
- ▶ Manufacturing processes
- ▶ Lighting control

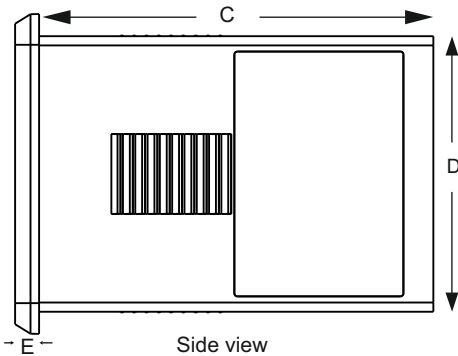
Features

- ▶ 3 digits, 7 segment LED, Single display
- ▶ LED indications: Relay ON
- ▶ Single set point
- ▶ On delay, Interval, Cyclic mode

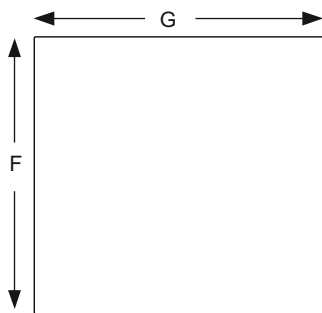
Dimensions (All are in mm)



Front bezel



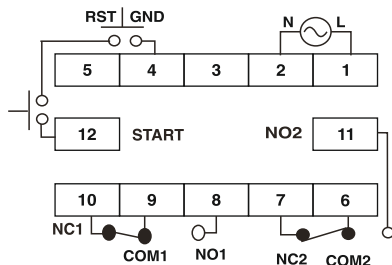
Side view



Panel cutout

MODEL	DIM	A	B	C	D	E	F	G
PTR725		52	52	76	45	4	46	46

Terminal connection

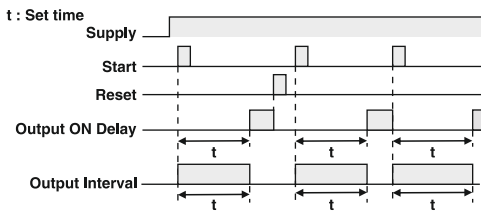


Technical specifications

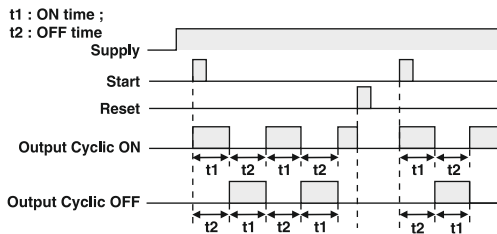
Display specifications	
Display	3 digits, 0.56", 7 segment LED, Single display
LED indication	Relay ON
Input specifications	
Input type	Setting: $\pm 0.05\%$ of set time or 50 msec (Whichever is greater), Repeat: $\pm 0.05\%$
Start input	Gate/Pulse (Programmable)
Output specifications	
Contact rating	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 hour
Resolution	0.01 sec
Counting direction	Up/Down (Selectable)
Set point	1
Time setting	By keys on front panel
Reset	On interruption of power (Selectable), Front panel reset & terminal reset
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 Storage: -20 °C to 55 °C
Humidity (Non-condensing)	95% RH
Mechanical specifications	
Mounting	Panel mount
Weight	120 gm

Timing diagrams

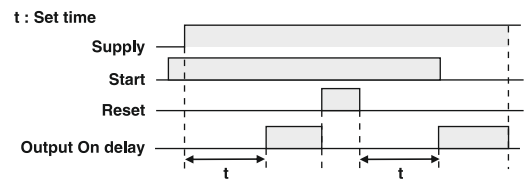
1. On delay, Interval modes :



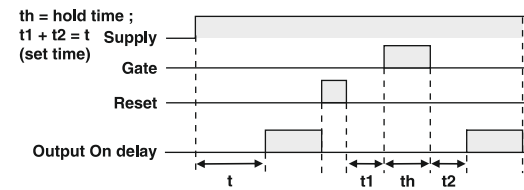
2. Cyclic ON first, Cyclic OFF first modes :



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



Typical application of Gate start :



Ordering information

Product code	Output1	Output2	Supply voltage
PTR725	RELAY (5A)	RELAY (5A)	90 to 270V AC/DC