



## IBT TIMER



BCH  
ELECTRIC  
LIMITED

## On Delay

- Fixed Voltage, Fixed Time
- Wide range of input supply - 220VAC; 110VAC; 24V AC/DC
- Large calibrated dial for easy and accurate time setting
- LED indications for Input supply and Output status
- Surface mounting & DIN rail mounting
- 1 changeover relay output (SPDT)
- All Purpose On Delay timer



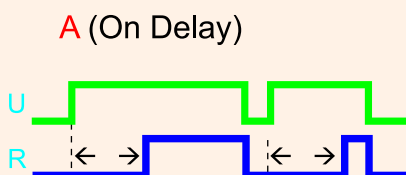
## Specifications

Power Supply	240VAC, 110 VAC, 24 VAC/DC and 12VDC
Operating range	85 to 110% of rated voltage (85 to 120% for 12V)
Rated Frequency	50/60 Hz
Function	On Delay
Time Range (Fixed)	6S, 30S, 60S, 180S
Repeat Accuracy	±0.5% or 50ms (whichever is greater) with constant Parameters
Setting Accuracy	±5% of Full Scale at 25 °C
Temperature drift	±0.05% °C of full scale
Reset time	100ms
Minimum Pulse duration	30ms
Control Output	7A@250V, 1CO, resistive load
Operating Temperature	-20°C to + 50°C
Storage Temperature	-25°C to + 70°C
Size (WxHxD)	24mm X 45mm X 75mm
Life	Mechanical : 1 X 10 <sup>7</sup> operations. Electrical : 1 X 10 <sup>5</sup> operations with full load
Housing Material	Plastic

## Ordering Information

IBT00 + 0 #	On delay		
" + " Voltage Code	" # " Time Range		
240V AC	1	0.6-6 Sec	1
110V AC	2	3 - 30 Sec	2
24V AC/DC	3	6 - 60 Sec	3
12V DC	4	18 - 180 Sec	4

## Time Diagram



## Multi Function

- 4 Functions - On delay, Interval, Off delay, Single Shot
- Multi Time Range - Sec / Min / Hr
- Universal Voltage - 24 V-230V AC/DC
- Large calibrated dial for easy and accurate time setting
- Compact Design
- LED indications for Input supply and Output status
- Surface mounting & DIN rail mounting
- 1 changeover relay output (SPDT)
- All Purpose Timer



## Specifications

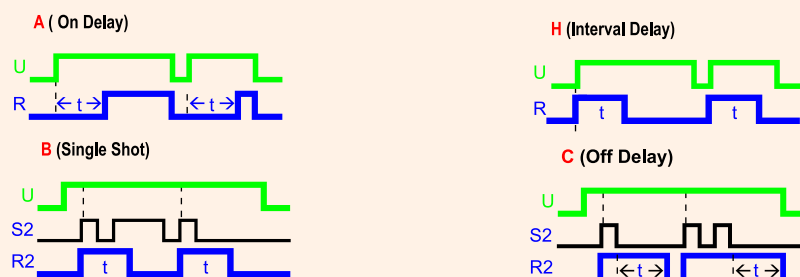
Power supply	24 - 240 V AC/DC,
Operating range	85 to 110% of rated voltage
Rated Frequency	50/60 Hz
Function	4 Function-On delay, Interval delay, Off delay & Single Shot
Time Range	6 Ranges - 1s, 10s, 1min, 10min, 1h, 10h
Repeat Accuracy	± 0.5% or 50ms (whichever is greater) with constant Parameters
Setting Accuracy	± 10% of full scale at 25 °C
Temperature drift	± 0.05% / °C of full scale
Reset time	100ms
Minimum Pulse duration	30 ms
Control Output	7A@250V, 1C/O, resistive load
Operating Temperature	-20°C to +50°C
Storage Temperature	-25°C to +70°C
Size (WxHxD)	24mm X 45mm X 75mm
Life	Mechanical : 1 X 10 <sup>7</sup> operations Electrical : 1 X 10 <sup>5</sup> operations with full load
Housing Material	Plastic

## Ordering Information

IBT04500

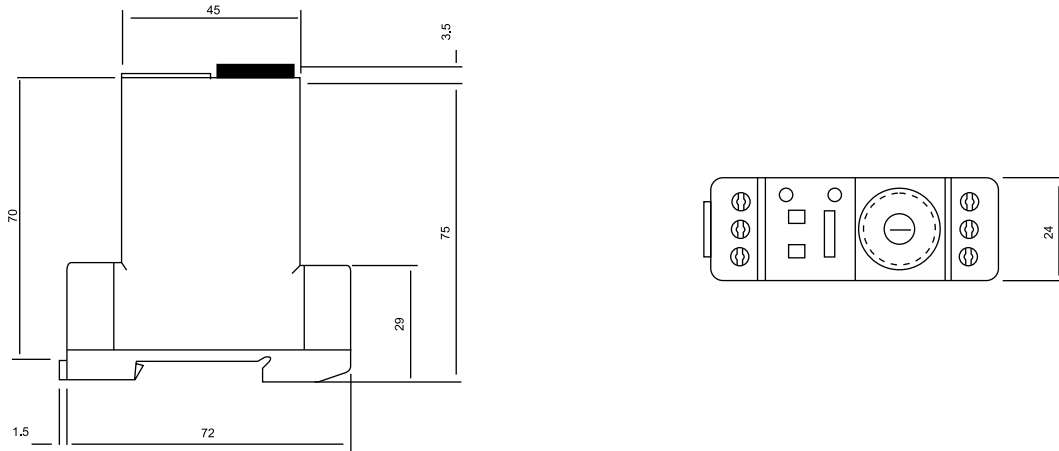
On Delay, Interval Delay, Off Delay &amp; Single Shot

## Timing Diagram



# Dimensions

## DIN RAIL MOUNTING OR BASE-MOUNTING IBT TIMERS



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