

# Series BLT

## 1/16 DIN, Backlit LCD Multi-Function Digital Timer

### SPECIFICATIONS

#### TIMING RANGES

0.01 Sec to 9999 Hrs, 59 Min, 59 Sec.

#### TIMING MODES

ON-Delay — DE  
 OFF-Delay — DD  
 Delayed Pulse (250ms) — DP  
 Interval — INT  
 Immediate Cycle — ICY  
 Delayed Cycling — DCY

#### TIME SETTING

Front Panel Pushbutton

#### TIME REPEAT ACCURACY

0.01%

#### RESET TIME

<20mS

#### CONTROL VOLTAGE INITIATE TIME

#### MEMORY

10 Year Lithium Battery

#### OPERATING POWER

12 to 260VDC or VAC

#### POWER CONSUMPTION

3.5 Watts

#### RELAY OUTPUT

SPDT Relay, 8A @250VAC/30VDC

#### RELAY LIFE

20,000,000

#### DISPLAY

Backlit LCD  
 Numeric and Graphic

#### TERMINATION

8 Pin Plug-In

#### MOUNTING

front Panel or Plug-In Base

#### OPERATING TEMPERATURE

-20 to 55°C

#### APPROVALS

UL, C-UL, CE  
 VDE-Pending  
 IP65



### OPERATION

The BLT is an extremely versatile instrument with six front panel selectable operating modes, universal non polar sensitive AC or DC power input from 12 to 260 volts, and illuminated display for installation in any lighting conditions. Operating functions such as count direction, time setting, decimal or sexagesimal, relay condition and process time are all conveniently located on the front panel display.

The BLT can be mounted either by a plug-in, 8-pin socket which is base or DIN rail secured or via front panel flush mount. The unit is supplied with a gasket for front panel mounting that when properly installed, qualifies the timer for IP65 protection

The timer is equipped with two lithium batteries that provide memory retention of programming settings and user selected operating modes.

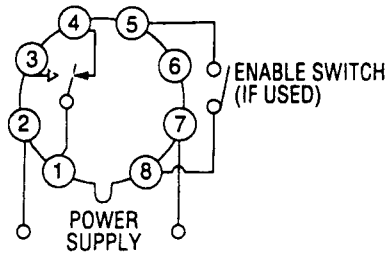
### FEATURES

- Backlit Liquid Crystal Display
- Six Selectable Operating Modes
- Time Range 0.01 Sec to 9999 Hrs., 59 Min., 59 Sec.
- Universal Power 12 to 260VAC or VDC
- 8 Amp, SPDT Relay Output
- IP65 Protection
- Simple Front Panel Programming
- Front Panel or Plug-In Socket Mounting
- UL, C-UL, CE, VDE Approvals Pending
- Extremely Cost Effective

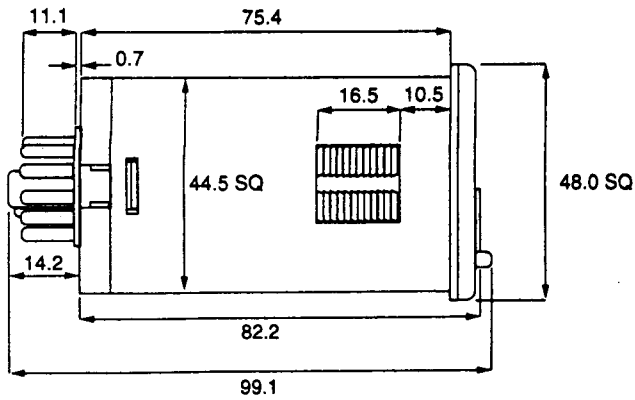
### ORDERING INFORMATION

Part Number	Description
<b>BLT-3000</b>	Timer, Six Function Backlit, 1/16 DIN
<b>A600-3-0011</b>	Socket — 8 Pin Bottom Screw (for Panel Mount)
<b>A600-3-0013</b>	Socket — 8 Pin DIN Rail or Top Screw (Base Mount)

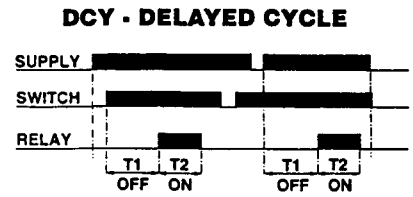
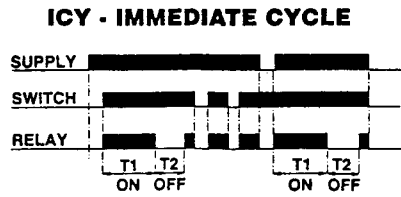
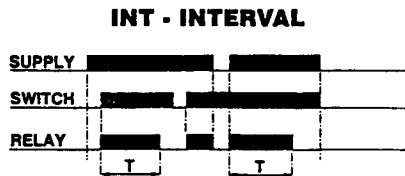
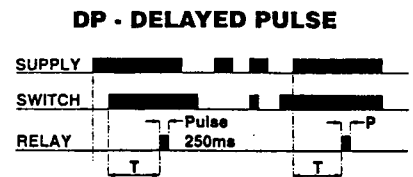
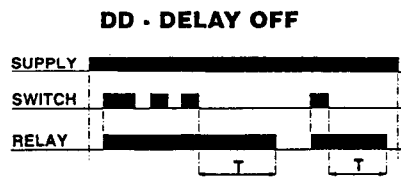
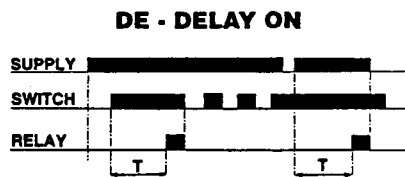
WIRING



DIMENSIONS



OPERATING MODES/FUNCTIONS



Before starting your design, read the safety statement on the inside back cover of the ATC catalog.