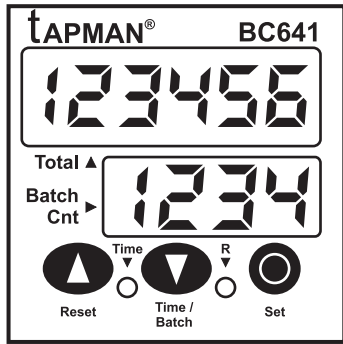


TAPMAN®

BATCH COUNTER

OPERATING INSTRUCTIONS

Model: BC641/ BC642



Congratulations

on selecting this state of the art microcontroller based instrument.

www.microsmartindia.com

Please read the following before use

WARNING Serious injury may result if instructions are not followed.

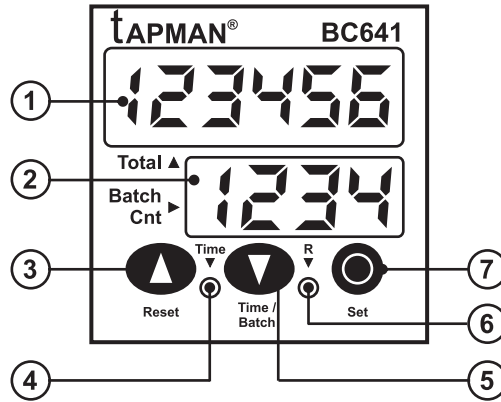
⚠ This unit is not designed as a safety device.

CAUTION Product may be damaged or injury may result if instructions are not followed.

- > This unit should be installed in a panel.
- > Do not use the instrument outdoors.
- > The protection device of this unit may be damaged if instructions are not followed.
- > Do not use the instrument in places where there is excessive of dust, corrosive gases, oil spilling, high humidity, condensation, direct sunshine, radiant heat, vibration, shock occur.
- > Unused terminals should not be used as jumper. As they may be connected internally.
- > Clean the unit with dry cloth only after turning the power off.
- > Do not modify or disassemble the unit.
- > Power switch or a circuit breaker should be installed near the unit in order to cut the power supply.
- > Do not connect power to sensor terminals.

Parameter	Range
Batch Count	0 - 999999 Count
Auto Manual Time	0 - 99.9 Seconds

Identification:

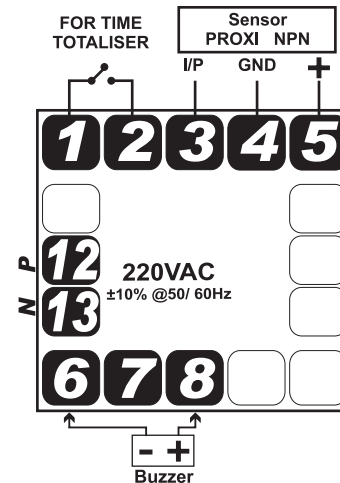


①	Dis-1	Total Count (6 Digit)
②	Dis-2	Batch Count Display (4 Digit)
③	▲ Inc	'Batch count' display mode: Pressing this button for more than 2 seconds will Reset the 'batch count'. Pressing this button for more than 4 seconds will Reset the 'total count' 'Time totalizer' display mode: Pressing this button for more than 2 seconds will Reset the time.
④	LED	LED \Rightarrow blinks \Leftarrow when micro switch at the back is closed
⑤	▼ Dec	Pressing this button for more than 2 seconds Toggles between 'Time totalizer' display and 'Batch count' display mode.
⑥	LED	LED Indicates Buzzer status.
⑦	● Set	To Set parameters

Working:

- When count reaches the 'Set value' Buzzer will turn ON.
- Buzzer will stay ON up to 'Auto Manual Time'.
- After completion of 'Auto Manual Time' Buzzer will turn OFF.
- If 'Auto Manual Time' is set at 00.0 then instrument working in manual mode. User need to press the Reset Key for turning the Buzzer OFF.
- Give Enable pulse from micro switch at the backside of the instrument to start timer.
- Timer stops if micro switch is open at the back.
- Press ∇ Key to show total Time.

Connection Diagram



Applications:

- Packaging Machinery
- Pharma Machinery
- Textile Machinery
- Bottle filling Machine.
- Metal Shearing Machine.
- Cutting Sealing Machine.

SET-1 Adjustment

The SET-1 can be adjusted when the controller is displaying the Batch count.

- Press the \bullet button. The ① display shows $\square\square\square$.
- Leave the \bullet button.
- The ② display shows the SET-1 value and is \Rightarrow blinking \Leftarrow
- Use either ∇ or \blacktriangledown button to increase or decrease the value respectively.
- Keeping either ∇ or \blacktriangledown button pressed for more than 2 seconds will result in a rapid change of the value.
- To save press the \bullet button while the ② display is still \Rightarrow blinking \Leftarrow

RL-1 Adjustment

The RL-1 can be adjusted when the controller is displaying the Batch count.

- Press the \bullet button. The ① display shows $\square\square\square$.
- Keep the \bullet button pressed for a few seconds more.
- The display shoes $\square\square\square$.
- Leave the \bullet button.
- The ② display shows the RL-1 value and is \Rightarrow blinking \Leftarrow
- Use either ∇ or \blacktriangledown button to increase or decrease the value respectively.
- Keeping either ∇ or \blacktriangledown button pressed for more than 2 seconds will result in a rapid change of the value.
- To save press the \bullet button while the ② display is still \Rightarrow blinking \Leftarrow