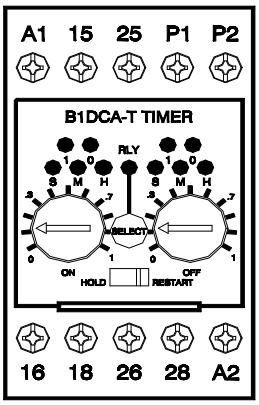
कर्मण्येवाधिकारस्ते मा फलेषु कदाचन	OPERATING INSTRUCTIONS Model : B1DCA-T	OPI No. : OPI/003 PAGE : 01 of 02 DATE :22/02/2002

Front Panel Layout:



Terminal details:

A1, A2 : Power

15-16 & 25-26 : Normally closed (NC) contact

15-18 & 25-28 : Normally open (NO) contact

P1, P2 : Program Enable/Disable

B1DCA-T is an ON-OFF adjustable cyclic timer with time range from 0.1sec to 10hrs in 6 ranges. 'ON' time and 'OFF' time can be adjusted independently.

Special Features:

Hold: When the slide switch on the front panel is kept in the HOLD position, the timing data is retained in case of power failure. Upon resumption of power the timing continues from the point where it had stopped.

Restart: When the slide switch is kept in the restart position, the timer resets in case of power failure and starts from beginning upon power resumption.

Program enable/disable: To protect the time range selected from being tampered, this feature is provided. By shorting P1 and P2 terminals, [Potential free shorting] the time range selection is possible. By removing the short across P1 & P2, the time range selection is disabled.

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How to select time range

- Short P1 and P2 (potential free shorting).
- Apply rated source voltage across A1 & A2 (Refer to voltage specifications marked on the timer).
- Press SELECT button & choose the desired "OFF" time range first. (LEDs against S,M,H 1, 0 advances).
- Continue to press the select button and choose the desired "ON" time range.
- Using a suitable flat blade screwdriver, rotate the 'ON' potentiometer and 'OFF' potentiometer to set the exact timing required.
- Once the selection is over, remove the short across P1 and P2 to lock the program for time range.

How to Operate :

Connect rated source voltage [ref side panel of the timer] across A1 & A2. The timer comes ON and the relay changes over. After the set ON time the relay reverts back to the initial position and OFF time starts. This cycle keeps repeating until the power is interrupted.

Note:

1) Use separate cables to connect A1/A2 and load from relay contacts to avoid timer malfunction.

2) Do not change the time range while the timing cycle is in progress.

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