

24 HOURS AUTOMATIC TIME SWITCH

- 1.Manual override
- 2.Easily programmable
- 3.Captive pins. Many switching possibilities. 96 pins on daily dials

- 4.Mark for time setting and programme reading
- 5.Time can be setting manually

DIAL

CASE

FREQUENCY SELECTOR

ARROW (TURING DIRECTION)

PRESENT TIME(HOUR)

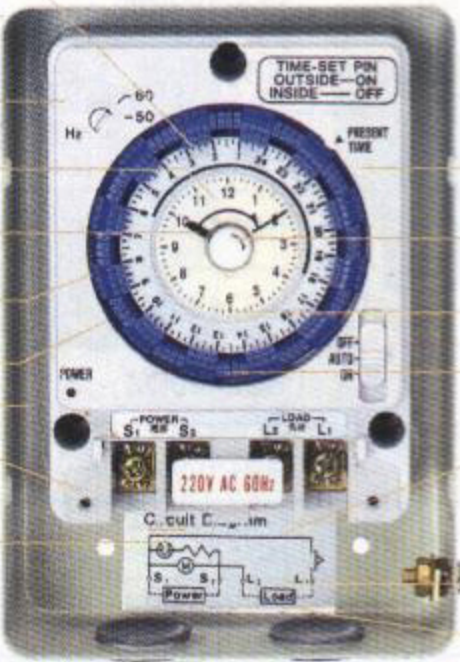
SETTING PIN(ON POSITION)

SETTING PIN(OFF POSITION)

POWER INDICATOR

TERMINAL COVER

POWER TERMINAL



TIME-SET PIN  
OUTSIDE-ON  
INSIDE-OFF

PRESENT TIME

PRESENT CONTROL KNOB


MINUTE CONTROL KNOB

MANUAL SWITCH

LOAD TERMINAL

GROUND TERMINALL

CIRCUIT DIAGRAM



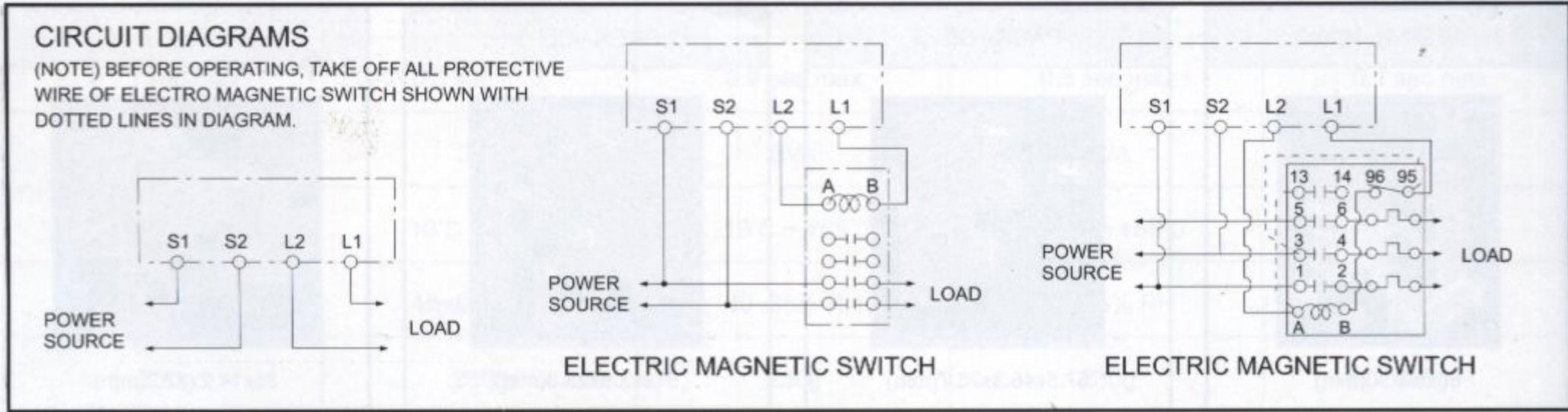
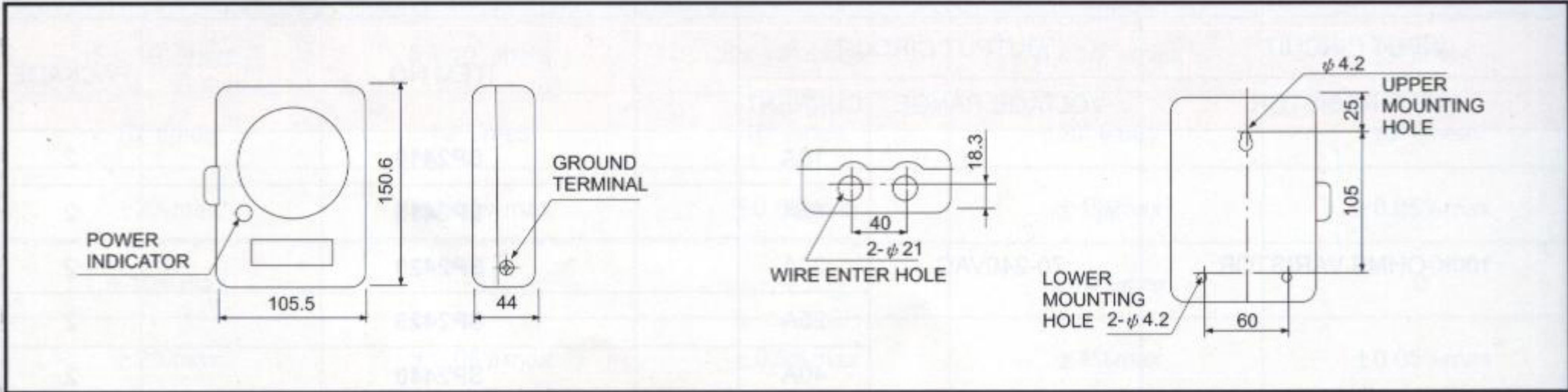
● TB351 110V

● TB352 230V

● TB353 240V



ITEM NO.	TB351	TB352	TB353
MOVEMENT		Synchrnous motor	
VOLTAGE	110V AC	230V AC	240VAC
FREQUENCY	50/60Hz	50/60Hz	50/60Hz
CONSUMPTION 1.5W	1.5W	1.5W	1.5W
ACCURACY		Depending on line frequency	
OPERATION TEMP	-10°C-+50°C	-10°C-+50°C	-10°C-+50°C
MIN TIME OPERATION	15min	15min	15min
DIAL	96pins	96pins	96pins



# WEEKLY PROGRAMMABLE TIME SWITCH

- OFFING 6 ON/OFF PROGRAMMABLE SETTING AVAILABLE TO SWITCH INSIDE CONTACTS TO BE CLOSED OR OPENED WHENEVER ON EACH DAY OR WEEK DAY OR WEEKEND SEPARATRLY.
- ON. OFF SETTING SHOULD BE IN SEQUENCE OF ON 1, OFF 1, ON 2, OFF2, ON3, OFF3, ON4, OFF 4, ON 5, OFF 5, ON 6, OFF 6, CLOCKWISE AND LOGICALITY.



JKN-6W		
BUTTON		
	COLCK MODE	6 SETTING TIMER MODE
COLCK	INEFFECTIVE	INTO CLOCK MODE
TIMER	INTO TIMER 1 ON	INTO TIMING CYCLE TIMER 1 ON → 1 OFF → 2 ON → 2 OFF 3 ON → 3 OFF → 4 ON → 4 OFF 5 ON → 5 OFF → 6 ON → 6 OFF
DAY	PRESS "DAY" -INEFFECTIVE PRESS<CLOCK+DAY>TO ADJUST DAY OF A WEEK	ADJUSTABLE FOR ACTION DAY (1)MO (2)TU (3)WE (4)TH (5)FR (6)SA (7)SU (8)MO+TU+WE+TH+FR (9)SA+SU (10)MO+TU+WE+TH+FR+SA+SU
HOUR	PRESS "HOUR" -INEFFECTIVE PRESS<CLOCK+HOUR>TO ADJUST HOURS	PRESS "HOUR" TO ADJUST HOURS
MIN	PRESS "MIN"-INEFFECTIVE PRESS<CLOCK+MIN>TO ADJUST MINUTES	PRESS "MIN"TO ADJUST MINUTES
RESET	RESTART THIS TIME SWITCH	
MANUAL	TO CHANGE THE OUTPUT OF RELAY	LOCK ON ↔ AUTO ↔ LOCK OFF

## A.SETTING PRESENT DAY AND TIME

- press **CLOCK + DAY** — The day of a week will be changed from MO(Monday) to SU (Sunday).  
release **CLOCK & DAY** — The day of a week will be set.  
press **CLOCK + HOUR** — The hour will shift fast from 0 to 23.  
release **CLOCK & HOUR** — The hour will be set.  
press **CLOCK + MIN** — The minute will shift fast from 0 to 59.  
release **CLOCK & MIN** — The minute will be set.

## B.TO SET PROGRAMS

- press **TIMER** key — Enter program mode(Program 1 ON is ready for setting.)  
press **DAY** key — To select the setting day of a week. There are 10 choices for setting:  
**MO→TU→WE→TH→FR→SA→SU→MO+TU+WE+TH+FR→SA+SU→MO+TU+WE+TH+FR+SA+SU**  
press **HOUR** key — Set hour  
press **MIN** key — Set minute  
press **TIMER** again — \*Program 1 ON setting has been completed now.  
                                  — Program 1 OFF is ready for setting.  
                                  — \*Repeat the setting process.

After program 1 OFF is set completely, press TIMER again to enter program 2 ON setting, and so on, program 2 OFF→3 ON→3 OFF→4 ON→4 OFF→5 ON→5 OFF→6 ON→6 OFF.

There are 6 ON/OFF programs for setting. But if you need only 2 or 3 programs, just ignore the rest programs.

C.After programs setting, press CLOCK key then return to present time(CLOCK MODE).

## D.TO RESET TIMER

Press RESET key, the previous setting time and programs will be cleared to initial state.

## E.TO SELECT ON/OFF MODE

- 1.Press MANUAL key to select ON,AUTO, or OFF MODE.
- 2."ON" mode set output at ON state.
- 3."OFF" mode set output at OFF state.
- 4."AUTO" mode set output to program mode. Relay contact will turn ON/OFF according to the program time.
- 5.After program setting is confirmed, it is necessary to press **MANUAL** key and change the mode to ensure the Timer working in correct program. Please check the present time. If it is in the duration of program ON setting time, then press **MANUAL** to make it from ON to ATUO mode. In case of the present time is now within program OFF setting time. then make it from OFF to AUTO mode. Because from ON to AUTO, relay contact will be turned to ON state until next OFF setting time coming.Contrary, from OFF to AUTO, really contact will be switched to OFF state and lasting until next ON setting time is coming.

## F.WIRE CONNECTION

Max, Load:2000VA

Applied Voltage Range: 100-250VAC

Inside Battery: NI-CAD\*1 PC (Just for clock runnign, not for output ON/OFF switching.)