

NKG4-B Time Switch

1. General

1.1 Application

The NKG4-B series time switch can automatically turn on or turn off the power supply of the equipment according to preset time within 24 hours, achieving the goal of energy saving by avoiding peak electricity consumption and limited power supply. This product is suitable for water heaters, water dispensers, street lights, staircase lights, advertising light boxes, aquaculture, irrigation, offices and other occasions that require timed control.

1.2 Features

- Quartz time basis
- Control cycle 24 hours
- Minimum time setting 15 minutes
- Din-rail mounting, 18mm width

1.3 Standard

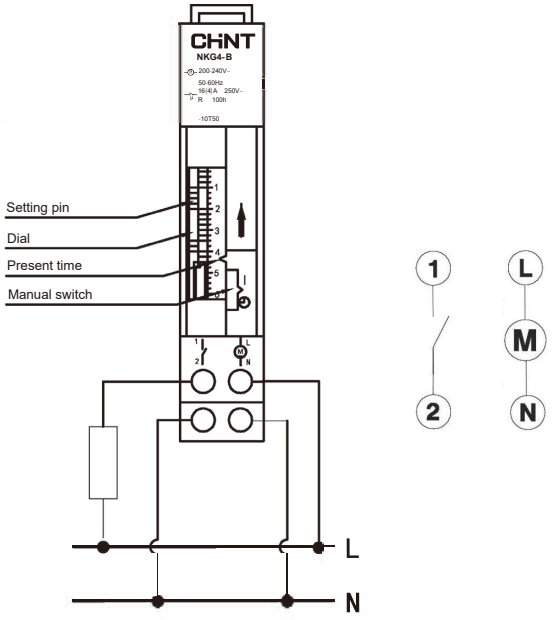
IEC/EN 60730-1, IEC/EN 60730-2-7

CE

2. Technical data

Item	Data
Rated voltage	220VAC
Voltage tolerance	200-240VAC
Frequency	50Hz/60Hz (common use)
Rated current	16A(AC-1), 4A(AC-3 cosΦ=0.6)
Switching contact	1 NO
Switching capacity	1000W(incandescent lamp), 150W(energy saving lamp)
Power consumption	1W
Time precision	+2Sec/day at 22°C
Cycle	24 Hours
Working reserve time	100 Hours
ON/OFF program setting	15 Minutes
Minimum nuit	15 Minutes
Minimum interva	15 Minutes
No.of ON/OFF operations	96 operations
Drive method	Quartz controlled stepping motor
Control mode	Permanent ON/Auto control
Ambient temperature	-10~+50°C
Ambient humidity	Max.85%
Size(W*L*H)	18*90*66mm
Weight	70g
Terminal size	1.5~4mm²
Tighten torque	0.8 N.m

3. Wiring diagram



4. Operating

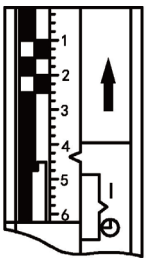
4.1 Set the operating time:

Set the setting pin between the desired times to the left or right of the Dial.

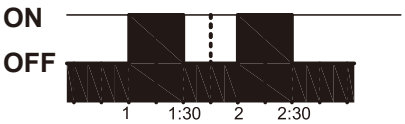
Set the setting pin to the right of dial: ON-state is reached at that time.if the setting pin is set to the right contnuously,ON-state continues only for NO.of setting pinsX15 minutes.

Set the setting pin to the right fully nutil a click is heard.

If the setting pin is set to the left ,at that time.the output is placed in OFF-state.



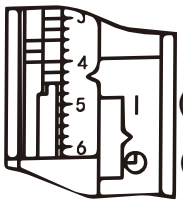
Set the setting pin as shown on the above:the time chart isas right:



4.2 Adjust the present time:

Turn the dial till the index is on the current time (Present time)

4.3 Set the control mode :



'Auto':Output is turned ON and OFF according to the setting program.

Permanent "ON":Output is turned ON irrespective of the program.

Use this mode for test operation.

After completion of test operation,set the manual switch to 'AUTO'

5. Overall and mounting dimen sions (mm)

