TIMER

AHC15T	Astronomical	ALION

- AUTOMATICALLY ADJUST THE SET TIME ALONG WITH SEASONAL VARIATION TO CONTROL ON/OFF FOR LIGHTING ON PURPOSE OF REALIZING THAT LIGHT IS TURNED ON WHEN SUN SETS &TURNED OFF WHEN SUN RISES.
- EIGHT SETS OF ON/OFF TIMING CAN BE SET.IT CAN BE ALSO SET TO REVISE FUNCTIONS ACCORDING TO LATITUTE VARIATION.
- IT IS MOST SUITABLE TO BE USED FOR CONTROLS OF ADVERTISEMENT LANTERN BOX,STREET LIGHTS ETC.
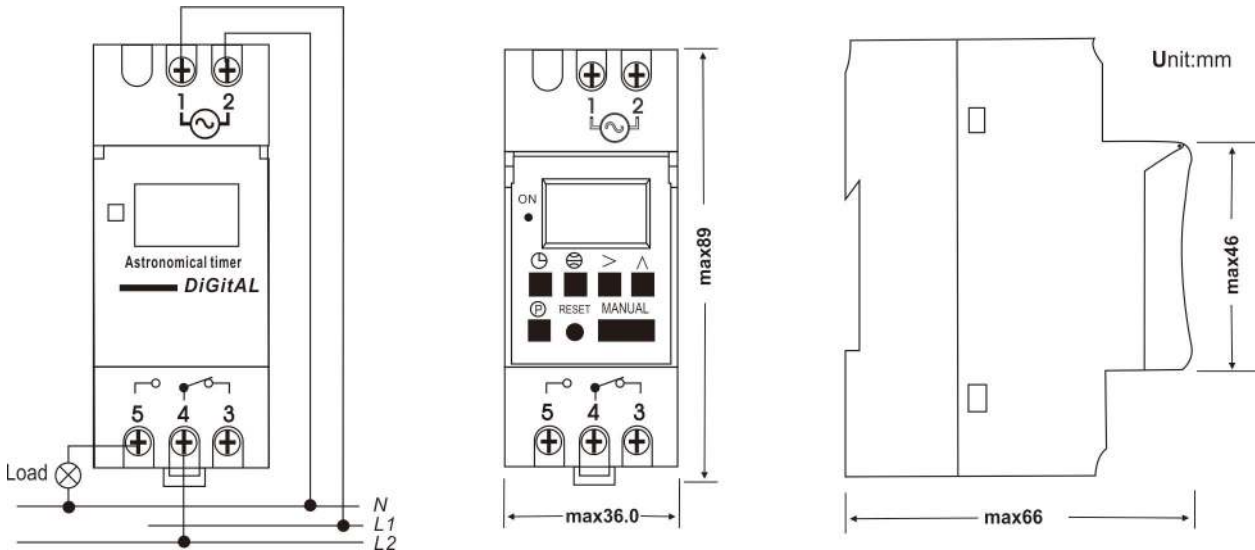- DIN STANDARD DIMENSION ,GUIDE RALY ASSEMBLY.

Technical characteristics

- Voltage: AC220V 50Hz
- Voltage range: 85~110%
- Timing allowance: ≤±2Second/day(25℃)
- Set numbers for ON/OFF: 8 ON and 8 OFF
- Power consumption: <4VA
- Display: LCD display
- Electric life: 10^5
- Mechanical life: 10^7

- Number of contacts: 1 Normally open 1 Normally close
- Control current：Resistance load:16A/250VAC(COSΦ=1)
  Induction load:10A/250VAC(COSΦ=0.6)
  Light current：1000W
- Power reserve: 3 years
- Operation temperature: -10～40℃
- Humidity: 35～85%RH
- Weight: About 125g

Electrical features

Lsolation Impedance：100MΩ （DC500V）

Connections and Dimensions

Cautions to be taken

- Don't intercross the on/off time setting, Do the setting in time sequence.
- Avoid to use in the applications of dust, corrosive gas, direct sunlight and rainwater.
- Consult website for latitude of main cities
- Please store and operate under rated voltage and specified temperature, humidity.

☐ Operational methods

Item	Operating	Display	Remarks	Way of entry
Preparation	1.Find out latitudes in the region, accuracy is one degree.			
	2.Check the on/off time in the day and record them.			
	3.Find out date			
Powering &Reset	Press reset (display all)	n 25		
latitude Set	Press **>** button, to set north/south half globe	n glitters	n symbolizes north half globe s symbolizes south half globe	Press P&⊖ button simultaneously to set latitude
	Press ∧ button to change N or S			
	Press > button to set latitude	25 glitters	Press and hold ∧ button number will increase.	
	Press ∧ button to change latitude			
Date set	Press P to enter date set	2009		Press **P** & ⌚ button simultaneously to set date
	Press **>** to set year	year glitters	Press and hold ∧ button number will increase.	
	Press ∧ to change year			
	Press **>** to set month	month glitters	Press and hold ∧ button number will increase.	
	Press ∧ to change month			
	Press **>** to set day	day glitters	Press and hold ∧ button number will increase.	
	Press ∧ to change day			
Time set for on/off	Press **P** to enter		First setting to be on	Press **P** to enter
	Press **>** to set hour			If the latitude function is not needed, press⊖ button to extinguish ⊖ in the display. so time will not be automatically adjusted from the day forward
	Press ∧ to change			
	Press **>** to set minute			
	Press **P** to enter		First setting to be off	
	Press ∧ to change			
	Press **>** to set minute			
	Repeat the above procedure to set 2-8			
Set the current time	Press ⌚ & **>** button simultaneously to set current time	Hour glitters	Press and hold ∧ button number will increase.	Press ⌚ & > button simultaneously
	Press ∧ to change			
	Press **>** again to set minute	Minute glitters		
	Press ⌚ to end			
Set the working status	Set the current working status according to manual. i.e the on/off switch for the current time in time setting. If 19：00 is set to be on and 7:00 is set to be off and the current time is 10:00, it is supposed to set AT OFF If the current time is 22:00,it is supposed to set ON AT	ON AUTO： Automatic on/off state, it is on now ON： Always on OFF： Always off AUTO OFF： Automatic on/off state, it is off now		

Check: Press "**P**" button to check if time setting is correct.
Manual control: Press "**MANUAL**" button, realize the intended on/off.
Press "⌚"and "⊖" for 3 seconds to turn off, but the setting will be lost.
If it is not set within 30 seconds, this time controller will return to time display, you can enter the designated procedures according to the instruction manual.