

KNX Color Screen Astronomical Clock Timing Actuator (DIN-Rail)

Model No: LMK-102WQT

Profile

- The color screen timing actuator is a module with multi-channel timing function with color touch screen.
- The timing channel has a variety of options for astronomical clock, holiday and ordinary timing, and It can be modified through the color screen setting.
- The module has built-in multi-way relay switch actuator, with dry contact input and fire control input, analog DC 1-10V input, and the corresponding output function can be configured according to the actual input analog voltage (sensor).
- The BUS connection is directly via KNX terminal.
- The module has a compact design and is rail-mounted, electrically connected by screw terminal posts on the input and outputs

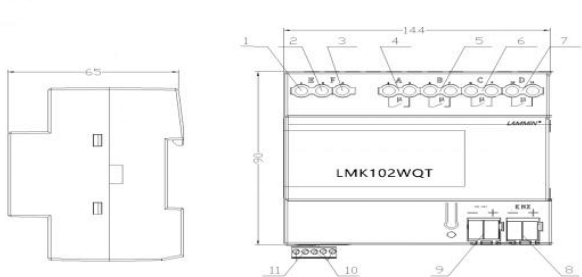
Features

- Timer built-in 2.4-inch color touch screen
- Timer standard time can be configured by KNX bus or set directly on the touch screen
- With 8 timing channels, including astronomical clock*2, holiday clock*2, ordinary clock*4
- Sunrise and sunset astronomical clock is automatically calculated by entering latitude and longitude, and can be set to open and close in advance or postponed
- Each timing channel has 2 channel time settings
- Input detection has three types, includes 2-channel dry contact, 1-channel fire signal, 1 channel 1-10V analog
- Independent 4-channel 10A switching output
- The equipment can operate independently, and it can directly control the 4-channel 10A switch.
- Manual control output via touch screen without waiting for the setting time

Technical Parameters

Model No	LMK-102WQT
Brand	LAMMIN
Bus Power Supply	KNX 24-30V DC
Auxiliary Power Supply	DC 12-30V
Max Load Current	10A/230V AC
Touch Screen	2.4-inch color touch screen
Touch Screen Angle	70°/70°/50°/70°(L/R/U/D)
Touch Screen Resolution	320*240
Certification	CE
Working Temp	-20℃~+50℃
Warranty	3 years
Size(L*W*H)MM	108*88*65
Installation	DIN-rail mounted
Photo	

Wiring Diagram and Installations



- 1)DC 1-10V input port
- 2)PE ground
- 3) DC 24V input
- 4)-7) 10A output
- 8)EIB/KNX bus connection terminal
- 9) DC 30V input
- 10)1 way fire control 24V input
- 11)2 dry contact input

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4. Touch screen setting instructions



Real time display

Sunrise and sunset time display requires setting longitude and latitude

Click to enter the settings interface



Real time display

Sunrise and sunset time display requires setting longitude and latitude

Click to enter the settings interface



Clicking on the password box will pop up an input box. After entering the password, click on login to enter the next page. (failure will result in returning to the homepage)



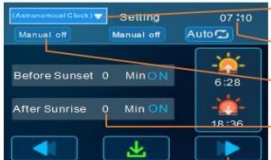
Clicking on the password box will pop up an input box. After entering the password, click on login to enter the next page. (failure will result in returning to the homepage)



After entering the password, click Enter to return to the password page



After entering the password, click Enter to return to the password page



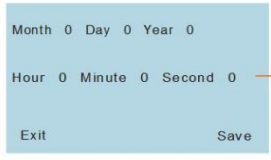
Click to select channels 7/8

Click to set the time

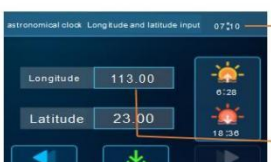
Test button by manual

Click to enter the digital input interface

PgUp | Save | PgDn

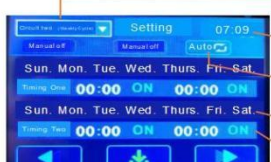


Set current time, Click on the number after the unit you want to set to pop up the number input box



Click to set the time

Click to enter the digital input interface



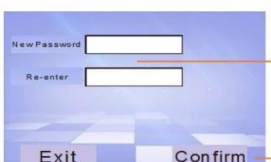
Click to select channels 1-4

Click to set the time

Test button by manual

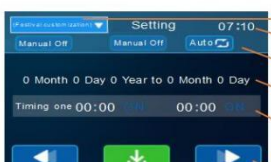
Select the activation days of the week

Select timed activation time



Click to enter the digital input interface. Only after two identical inputs can the modification be successful

Exit | Exit after saving



Click to select channels 5/6

Click to set the time

Test button by manual

Select the activation date

Select the time for timed activation

PgUp | Save | PgDn



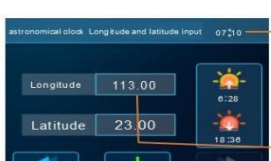
Click to select channels 7/8

Click to set the time

Test button by manual

Click to enter the digital input interface

PgUp | Save | PgDn



Click to set the time

Click to enter the digital input interface



Click to enter the digital input interface. Only after two identical inputs can the modification be successful

Exit | Exit after saving