
INTELLIGENT TRAFFIC SIGNAL CONTROLLER - 14 outputs

Design For:

This traffic controller was designed to use for single intersection control, it has 14 outputs which can control 14 traffic lights independently, normally, if the traffic system includes the Red, Yellow, Green Ball, Left Turn and Right Turn traffic lights in the vehicle lanes, and the Pedestrian Red Man & Green Man, you can use this 14 outputs Traffic Signal Controller, while the East and West direction at the same outputs, the North and South direction at the same outputs.

Special Features:

Embedded central system, more stable and reliable.

One machine multipurpose, may replace the movement pattern relaxed.

May expand to RS-232, RS-485 protocol and can communicate with Upper Computer.

With pedestrian pushing application for crossing option.

Online setting.

Real time controlled by manual control option.

The passing time of pedestrian application for crossing is adjustable.

Red, Yellow & Green Light and twinkle signal duration times are adjustable.

Auto-on and Auto-off times are adjustable.

Close-down pattern is adjustable. (Twinkle shows in yellow or without output)

Independent 14 group signal outputs with the typical operating current of 3A.

Auto electricity failure protection, the operational parameter may be effective for ten years.

Conforms to the national standards of GA47-2002.

Technology Parameters:

Export-driven capabilities: Ability for drive: each loaded power is 600W.

Working voltage: AC80V— 270V 50±2Hz

Ambient temperature: -40°C--+75°C

Ambient RH: 5%--95%

Insulated intension: above 100 MΩ

Resist voltage: AC1500V



INTELLIGENT TRAFFIC SIGNAL CONTROLLER- 32 outputs

Design For:

With the development of technology , the road traffic management is increasingly complicated. We developed and produced the Traffic Signal Controller. It allows you easier and more convenient when managing road traffic.

Functional features:

1. Embedded central control system, more stable and reliable.
2. All-weather outer steel box, lightning-protection set and power supply filter unit for option.
3. The machine adopts modular design, and easy for maintenance and function extension.
4. 32 channels of independent output with typical operation current at 3A.
5. Extend RS-232, RS-485 connector and upper computer communication.
6. On-line adjustment, check and setup.
7. 2*99 operating stages for workdays and weekdays respectively.
8. 28 programmable operating menus.
9. 99 steps for each programmable menu and 1~255 seconds for each step.
10. The flashing status of each signal lamp can be set, the frequency and the time of flashing are adjustable.
11. Yellow flash time at night can be set freely and the frequency is adjustable.
12. Can access to the emergency state at any time.
13. Manual control can realize single step operation at random and specified menu.
14. Auto power fail protection and the operation parameters can be stored for above ten years.
15. Auto green conflict test .Yellow flash is automatic when green conflict occurs.
16. Simulation crossing design on the panel is quite convenient for operating the machine.

Technical Parameters:

1. Standards: comply with National Standard GA47-2002
2. Output drive capabilities: each loaded power is 600W.
3. Working voltage: 80V-270V AC, 50HZ
4. Ambient temperature: -40°C ~ +75°C
5. Ambient RH : 5% ~ 95%
6. Insulated intension: above 100MΩ
7. Resist voltage: AC1500V
8. Anti-shock: can bear the normal shock in transport.



INTELLIGENT TRAFFIC SIGNAL CONTROLLER- 48 outputs

Functional Features:

1. Embedded central control system, more stable and reliable while working.
2. Three-level working protection measures.
3. All-weather outer steel box, lightning-protection set and power supply filter unit for option.
4. The machine adopts modular design, and easy for maintenance and function extension.
5. 48 channels of independent output with typical operation current at 3A.
6. Extend RS-232, RS-485 connector and upper computer communication.
7. On-line adjustment, check and setup.
8. 2*99 operating stages for workdays and holidays respectively.
9. 50 programmable operating menus.
10. 99 steps for each programmable menu and 1~255 seconds for each step.
11. The flashing status of each signal lamp can be set, the frequency and the time of flashing are adjustable.
12. Yellow flash time at night can be set freely and the frequency is adjustable.
13. Can access to the emergency state at any time.
14. Manual control can realize single step operation at random and specified menu.
15. Auto power fail protection and the operation parameters can be stored for above ten years.
16. Auto green conflict test. Yellow flash is automatic when green conflict occurs.

Technical Parameters:

1. Standards: comply with the latest National Standard GA47-2002
2. Output drive capabilities: each loaded power is 600W.
3. Working voltage: 80V-270V AC, 50HZ
4. Ambient temperature: $-40^{\circ}\text{C} \sim +75^{\circ}\text{C}$
5. Ambient RH : 5%~95%
6. Insulated intension: above 100M Ω
7. Resist voltage: AC1500V
8. Anti-shock: can bear the normal shock in transport.

