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Traffic Controller – BBE-A2



Model Name	Traffic Controller
Model No.	BBE-A2
Working Voltage	12VAC/DC, 85-264VAC
Certificates	CE, (RoHS, UL Pending)
MOQ	10 pcs
Payment Term	T/T, L/C
Warranty	12 Months

Design For: This low end Traffic Controller was design to use for single intersection control, it has 14 outputs which can control 14 traffic lights independently, normally, if you have the Red, Yellow, Green Ball, Turn Left and Right traffic lights in the vehicle ways, and has the Red Man & Green in the Pedestrian Road, then you can use this 14 outputs Traffic Signal Controller, but we will have to choose the East and West direction, South and North direction use the same outputs. The Intelligent Traffic Signal Controllers, help to reduce the traffic accidents;

Special Features:

1. Green Conflict Test Technique: when the green clash occurs, the signalized instantly changes to yellow flash status. It adopts current sampling, whenever the silicon controlled rectifier damaged (lightning strike) or the signal light broken, it can test.
2. Power Failure Protection: The parameters set in the controller is I2C transmittal technical CMOS chip, the data is credibility, when power cut the machine inside data of lasts for more than 10 years.
3. There are 14 lines of signal output, and it can control 14 different traffic lights.
4. Night off, yellow flash. Night off and yellow flash time can change.
5. It is equipped with the manual/automatic control modes. Press "Auto/Manual" button to enter the manual mode. The signal light maintains the current status and with each pressing of the Manual button, the signal light changes the current procedure. In the normal operation mode, the controller displays the current time. In case of deviation from the standard time, it can be corrected. Yellow light transit time: can be set between 0-255 seconds. Left turn lane passing time: can be set between 0-255 seconds. Straight lane passing time: can be set between 0-250 seconds. Right turn lane passing time: can be set between 0-255 seconds.
6. Online set feature: In the course of the setting, the controller operates normally and the confusion will not occur at the crossing.
7. Output is Real zero cross trigger protection and high-power silicon controlled rectifier, improve the security. Even output short, it cannot damage the silicon controlled rectifier.
8. Panel display simulating the lanes and the pavements at the crossing.
9. The operating procedure can be altered as required by the client to meet the different needs.

Specifications:

Model	Green Flash Time (s)	Green Flash Frequency (Hz)	Yellow Flash Frequency (Hz)	Power Voltage	Nominal Output Current Per Line	Clock Precision
BBE-A2	0~59S	2~0.125	2~0.125	85~264V AC	5A	0.1S

Ambient Temperature	Power Consumption (W)	Loaded Power	Ambient RH	Dimension (mm)
-40°C~+70°C	10W	≤1,100W/Output	40%~95%	300x280x120

Packing Info.

Unit Packing:	1 set/Carton Box
Dimension (mm):	430x340x180
N.W./G.W.(kg):	6.0 / 6.5
Volume(m3):	0.03
20'Q Q'ty (pcs):	1,014
40'Q Q'ty (pcs):	2,106

Traffic Controller – BBE-C



Model Name	Traffic Controller
Model No.	BBE-C
Working Voltage	12VAC/DC, 85-264VAC
Certificates	CE, (RoHS, UL Pending)
MOQ	10 pcs
Payment Term	T/T, L/C
Warranty	12 Months

Design For:

This middle end Traffic Controller was design to use for single intersection control, it has 28 outputs which can control 28 traffic lights independently, normally, if you have the Red, Yellow, Green Ball, Turn Left and Right traffic lights in the vehicle ways, and has the Red Man & Green in the Pedestrian Road, the totally is 28 outputs for this intersection, then you can use this BBE 28 outputs Traffic Signal Controller. Intelligent Traffic Signal Controllers, help to reduce traffic accidents;

Special Features:

1. 28 channels of independent output with a maximum operation current of 3A.
2. On-line adjustment, check and setup.
3. 30 operating stages for operating. 10 operating menus which can be recalled many times at any stage.
4. 2 fixed, 8 programmable operating menus, each programmable menu can program 60 steps with a time of 1-255 seconds each.
5. The flashing status of each signal lamp can be set and the frequency and the time of flashing is adjustable.
6. Yellow flash time at night can be set freely and the frequency is adjustable.
7. One can have access to the emergency state at any time.
8. Manual control can realize single step operation at random and at specified menu and there is yellow lamp blocking.
9. Auto power trip protection and the operation parameters can be stored for up to ten years.
10. Auto testing the green conflict. In case of green conflict, it automatically becomes yellow flash.
11. Equipped with upgrading board and RS-232, 422 communication ports, to realize the connection to the central computer and the auto checking of the traffic flow.

Specifications:

Model	Green Flash Time (s)	Green Flash Frequency (Hz)	Yellow Flash Frequency (Hz)	Power Voltage	Nominal Output Current Per Line	Clock Precision
BBE-C	0~59S	2~0.125	2~0.125	85~264V AC	5A	0.1S

Ambient Temperature	Power Consumption	Loaded Power	Ambient RH	Dimension (mm)
-40°C~+70°C	10W	≤1,100V/Output	40%~95%	380x340x155

Packing Info.

Unit Packing:	1 set/Carton Box
Dimension (mm):	400x400x200
N.W./G.W.(kg):	10.0 /10.5
Volume(m3):	0.03
20'Q Q'ty (pcs):	770
40'Q Q'ty (pcs):	1,650

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Traffic Controller – BBE-E



Model Name	Traffic Controller
Model No.	BBE-E
Working Voltage	12VAC/DC, 85-264VAC
Certificates	CE, (RoHS, UL Pending)
MOQ	10 pcs
Payment Term	T/T, L/C
Warranty	12 Months

Design For: This high end, a real Intelligent Traffic Controller, which can control several Intersections to work and negotiate each other, the programmed can be settled in the computer which connect with this controller, and most important of all is: You can use the central computer to control or change the setting for all the traffic lights in this net, BBE Intelligent Traffic Signal Controllers, help to reduce the traffic accidents;

Special Features:

01. According with national standard of GA47-2002 《Traffic Signal Controller》 ;
02. Independent 64 outputs, maximum working current: 5A;
03. Can be adjusted, checked and set online;
04. 2x30 working periods can be chose for working days or holiday working separately;
05. 15 working menus can be repetitious used at any time;
06. 3 fixed and 12 programmable menus included, each programmable menu can be programmed in 60 steps, and each step can be timed in 1-255 seconds;
07. Can detect and save malfunction atomically (save 99 records maximum);
08. Sense control function included;
09. Cordless coordinate function included;
10. The color of each output ports can be set, and can be exchanged with other ports;
11. The flashing frequency and time of each signal light can be set;
12. The night time warning light frequency can be set in any status you want;
13. Can be entered into "Emergency Setting Status" at any time;
14. Manuel control can be worked in single steps under stochastic or appoint menu;
15. Automatic power break protection, the working data can be saved up to 10 years;
16. Automatic signal light on/off, green conflict detecting, when meet the green conflict, will be changed to "Warning Flashing" status automatically;
17. Can be connected with centre computer by RS-232, 485 or RJ45 interface, to check and control the traffic flow.

Specifications:

Model	Green Flash Time (s)	Green Flash Frequency (Hz)	Yellow Flash Frequency (Hz)	Working Voltage
BBE-E	0~59S	2~0.125	2~0.125	AC85~264V

Nominal Output Current Per Line	Clock Precision	Ambient Temperature	Ambient RH
5A	0.1S	-40°C~+70°C	40%~95%

Packing Info.

Unit Packing:	1 set/Wooden Box
Dimension (mm):	600x600x1,200
N.W./G.W.(kg):	110.0 /120.0
Volume(m3):	0.43
20'Q Q'ty (pcs):	60
40'Q Q'ty (pcs):	120