



FEATURES

- 3 ampere 110-240 Vac. Free Input Voltage
- Output voltage that is adjusted 3-24 Vdc. from keypad
- Output voltage interval 1Vdc.
- 3x4 Matrix Membrane Keypad
- 2-digit 7-segment Display that displays volt
- 2-digit 7-segment Display that displays ampere
- Automatic Digital Output Current Limitation
- Changable 4-digit program entrance code
- Restoring Factory Settings Code Function
- Stand-by waiting
- Audible warning when keys are pressed
- Green, red and yellow function leds
- Audible alarm warning in case of short circuit and overload current
- Protection against short circuit, overload current & thermal digital
- Power cable with socket for AC input
- Metal case, Dimension : W: 110mm. H:90mm D:190mm

TECHNICAL SPECIFICATIONS

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|----------------------------------|---------------------------------|
| Input voltage | : 110-240 Ac. |
| Output voltage | : 3-24 Vdc. Digital adjustment |
| Output voltage interval | : 1V. steps |
| Output voltage precision | : + % 1-3 |
| Current measurement precision | : +/- %5 |
| Regulator type | : Simple Switcher Step Down |
| Switching frequency | : 52 Khz. |
| Output current | : Continue 2.6 A. |
| Protection against short circuit | : Electronic Voltage closure |
| Protection overload | : 2.8 A. Max. Voltage closure |
| Programmable current Limit | : Current that is + 300 Ma. |
| Thermal protection | : + 125 C |
| Output leakage current | : Max. 2mA.at 0V. |
| Resting current | : 50 Ua (Stand-by). |
| Cooler | : Aluminium 50x78x20 mm. |
| Controller | : Microprocessor with adj input |
| Voltage Display | : 2 Digit 7 Segment red |
| Current Display | : 2 Digit 7 Segment red |
| Control lights | : Yellow, green, red 3mm led |
| Audible warning | : 5Vdc. Buzzer |
| Keypad | : 3x4 Matrix |
| Operation temprature | : -10 + 60 C |
| Weight | : 2.200 Kg. |

INSTALLATION & PROGRAMMING

You can operate the equipment by plugging the power cable, that is given together with the equipment, to the 220 Vac. input socket that is at the back of the equipment. While the equipment is opening, the letters OP En appears on the screen that is on the front side, later on Voltage screen the number 12 appears and on the Ampere screen the numbers 00 appears. The numbers that is written on the voltage screen represent the voltage. The factory setting is adjusted as 12Vdc. You can draw 2.6 ampere.

WHAT IS THE DIGITAL CURRENT LIMIT ?

The factory setting for the digital adapter is adjusted in accordance with the 2.6 ampere that is the maximum current you can draw. You can reduce this current to the +300Ma. current limit depending on the importance of the equipments you use. This helps you protect the equipments that are connected to you. When the equipments are in the breakdown formation phase, they draw more current than they normally do. For the digital adapter to feel this, it needs current limit. For this, all the equipments that are going to be connected to the digital adapter must be put into operation mode and the current that is drawn in the current display must be under 2.3 ampere.

ENABLE THE DIGITAL CURRENT LIMIT

1234 which is the factory setting code is entered. Then press the key # and digital current limitation is put into operation with the affirmation sound. From that moment on, the current that is 300Ma more than the current that is displayed on the screen can not be drawn. When it tries to draw, the output current is cut and the letters "oL" which is the Over Load symbol starts to blink on the Ampere screen together with the warning sound. This situation goes on until you press the * key. If the equipment does not turn back to its normal condition although you press * key, then there must certainly be a problem with the equipments that are connected or extra current is being drawn from the digital adapter without your control. When you find this problem, you can operate the digital adapter again by pressing * key.

DISABLE THE DIGITAL CURRENT LIMIT

1234 which is the factory setting code is entered. Then press the key # and digital current limitation is put out of operation with the affirmation sound. From that moment on, from the digital adapter, you can draw 2.6 ampere which is the factory setting value. If more than 2.6 ampere current is drawn, the letters "oL" which is the Over Load symbol starts to blink together with the warning sound as in the case of digital current limitation. In this case you can operate the digital adapter again by pressing * key and diminishing the load that is connected to the digital adapter.

DIGITAL PROTECTION AGAINST SHORT CIRCUIT AND HEAT

Digital Adapter has protection against short circuit. In case of short circuit in the voltage input, the letters "oL" which is the Over Load symbol starts to blink together with the warning sound as in the case of digital current limitation. In this case, you can operate the digital adapter again by checking equipment connections that are connected and the voltage output of the digital adapter and pressing * key. In addition to this, protection against thermal heat gets into service at 125 C

STAND-BY FUNCTION

Press key #. The writing StbY appears on the screen. In this case, voltage output is cut and the digital adapter enters into standby function. With key *, it exits the standby function. Digital adapter saves the conditions it is in against power cut. When the power is on again, it opens in the last condition it has been.

CHANGING THE USER CODE

When you press the factory setting code 1234, you hear an affirmation sound and the red light starts to blink. In this case, press the key 0 and hear the affirmation sound again. Subsequently enter the new 4-digit code that you determine and you will hear an affirmation sound. When you enter the new 4-digit code that you determine again, the new code is put into service with the affirmation sound. If the 4-digit new codes are not the same, it gives a warning with an error sound. In this case, press key 0 and enter the new code again. After the code changing process is executed appropriately, you can exit the program by pressing key *. In this case the red light becomes off. It gives warning as short beep each time a key is pressed, as long beep for an affirmation sound and as short beeps with intervals for an error.

DIGITAL OUTPUT VOLTAGE ADJUSTMENT

After entering the factory setting code 1234, you can make the output voltage adjustment by entering a value that you want between 3 Volt and 24 Volt from the key pad. The value that you enter appears on the Voltage screen. During this operation, output voltage is cut. After the operation is completed, you can exit the program by pressing the key *

EQUIPMENT RESET AGAINST FAILURE TO REMEMBER THE CODE

Digital adapter has 8-digit reset code that makes it possible to restore the factory settings against failure to remember the code. For your own security, you can learn this code by phone from the recognized dealer from whom you have purchased the digital adapter.

MAINTENANCE AND REPAIR

Keep the equipment dry. If it gets wet, wipe it dry immediately, liquids contain minerals that can give harm to electronic circuits. Store the device in normal temperature environments. Too much heat and lack of heat reduces the life-span of electronic-powered devices and causes deformation on plastic sections.

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