

Automatic Voltage Protector KVP-30A



Operating Instructions

INTRODUCTION

- Automatic Voltage Protector (Switcher) prevents damage to electrical and electronic equipment/appliances from power fluctuations typically high voltage levels of long duration.
- When the mains power supply fluctuations outside pre-set tolerance (normally 140-280V), the power to your equipment is disconnected by the Protector. The Protector then monitors the voltage for a short period to ensure the power has stabilized before re-connection.
- In addition, a start-up delay period provides protection against power-back surges commonly experienced after resumption of power in a power cut situation. Surge and spike protection is also incorporated to ensure protection.
- For complete power protection simply plug the Protector into the mains and plug in your appliances accordingly. Protection is done automatically.

KVP-30A

- The KVP-30A is an Automatic Voltage Protector rated at 30Amps. The KVP will switch off the equipment connected to it if the main power goes outside pre-set acceptable limits (140-280V), and will reconnect automatically when the mains power returns to normal.

OPERATION

MODE: Press MODE 1s each time, you can see the following settings accordingly.

P-1: Delay Time Value P-2: High Voltage Value
P-3: Low Voltage Value P-4: Over Current Value

Press MODE 3s move to functional settings. Then press MODE 1s each time will display the following.

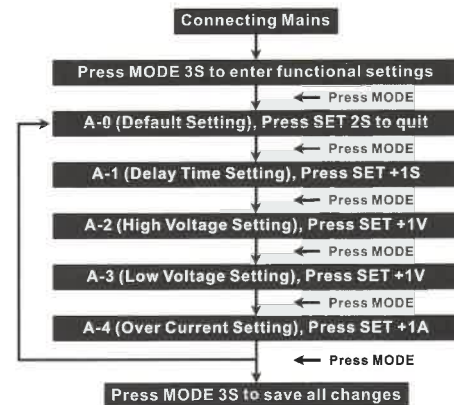
A-0: Default Setting A-1: Delay Time Setting
A-2: High Voltage Value Setting A-3: Low Voltage Value Setting
A-4: Over Current Value Setting

SETTING: After MODE selection, press SET to +1S/V/A for any selected parameter.

A-0: Default Setting (Not Changeable)
A-1: Delay Time Setting (Range 1-300s Selectable)
A-2: High Voltage Value (Range 230-280V Selectable)
A-3: Low Voltage Value (Range 140-200V Selectable)
A-4: Over Current Value (Range 2-30A Selectable)

*After all SET is done, press MODE 3S to save all changes. If you want to return to default setting, first press MODE 3S, when you see A-0 is flashing then press SET 2S again to return to default mode.

PROCEDURE



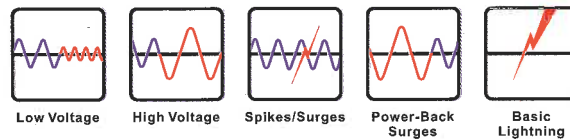
CONNECTION

Caution: If the Protector is already wired, make sure it is disconnected from the mains before you do any of the following;

1. Remove the bottom cover to obtain access to connection terminals. To remove bottom undo the two screws.
2. Insert cable from the mains supply through the left hand cable gland and connect to KVP-30A terminals.
3. Insert appliance cable through right hand cable gland and connect to KVP-30A output terminals.
4. Tighten the cables and return the front cover and two screws.

NOTES

- Inside the Protector there is a fuse for short circuit protection. Replace if it gets damaged. Ensure that KVP-30A is not connected to the mains during maintenance.
- The Protector must be mounted securely on the wall.
- The supply to KVP-30A must be protected with a fuse rated at 30A or more.



※ Installation instructions

1. Place the hole installation paper on the wall and mark down holes position on the wall. Then remove paper and drill the holes.
2. Press all anchor bolts into the holes until they properly insert into the wall.
3. Install one screw into upper hole.
4. Fix the protector by upper screw on the wall.
Unscrew cover of the protector terminal and fix the lower two holes by another two screws.
5. Finish installation process by returning cover back to the protector terminal. Protector is ready for use.