

Installation and Operating Instruction

ACDC Surge Protectors Type - PS (11; 137; 146)-M Orange Series

EIGHT (8) STAGES SERIES PROTECTOR 1/1

Single Phase CLASS I+II+III

Plug in Installation - SCHUKO PLUG

- Cascade bi-directional EMI-RFI filtering of phase (L) and neutral (N) wire
- Indication for bed grounding



Type - PS (11; 137; 146)-M Orange Series





Installation of ACDC Surge Protectors

The ACDC Surge Protectors - Type (11; 137; 146)-M Orange Series present eight (8) stages surge protector which completely eliminates frequency noise and power pollution generated in power network supply. The protection device have high grade cascade bi-directional EMI/RFI filtering of phase (L) and neutral (N) wire and special diagnostic for condition of ground.

The protectors are tracking AC waveform eliminating so-called pollution in power AC supply.

 **The surge Protector of type ACDC Surge Protector - Orange Series is compact stand alone unit and it is install quickly and easily on princip PLUG and PLAY. The option for connectors is wide and refer to Shouko plug, terminal block or other option according customer requirements.**

 **The units could be use for protection of one electronic device or group of electronic devices thought power strip for load up to 25A per phase.**

Setup Instruction:

1. For plugging the protector choose an earthen/grounded outlet (that meets national and local electrical safety guidelines).
2. Plug the input cord form ACDC Surge Protector to the wall outlet.


 **OPTION** Plug the output cord to a electric device or through power strip to group of electric devices.


During the installation please check:

1. The voltage of the ACDC Surge Protector matches actual system voltage.
2. All conductors are in accordance with the appropriate installation drawings.

Condition for Installations:

- provides adequate safety protection
- Prevents the ingress of moisture and water

 **DANGER** To reduce the risk of fire, connect only to a circuit provided with 63A (amperes) maximum branch circuit over current protection. Do not connect equipment that may overload the surge protector (grater than 25A)

 **DANGER** Do not attempt to service any parts inside the protector. Failure to adhere to this could cause personal injury or equipment malfunction.

 **CAUTION** CORRECT INSTALLATION - THE LIGHTS GREEN AND YELLOW ARE LIT

 **CAUTION** TROUBLESHOOTING - IF THE RED LED IS BLINKING ROTATE THE PLUG CONNECTOR. IF THE RED LED IS STILL BLINKING THE GROUND WIRE OF THE WALL OUTLET IS NOT CONNECTED OR THE GROUND OF THE POWER GRID SYSTEM IN NOT WELL PERFORMED

GREEN and YELLOW LEDs lit continuously:
DEVICE IS PROPERTLY CONECTED

RED LEDs blinking:
ROTATE PLUG CONECTOR

Plug conector is rotated:
RED LED blinking: BAD GROUNDING