What is claimed is:

1. A method for installing at least one electrical wiring device selected from a group comprising a power outlet, a relay, a switch, an hybrid relay-switch, an hybrid switch and combinations thereof into a support box, each said wiring device comprising at least one locking structure, device joints selected from a group comprising a live AC joint, a neutral AC joint, at least one load joint, at least two traveler joints, at least one relay joint, a ground joint and combinations thereof with each joint is one of a receptacle and a pin;

said support box comprising at least one counter structure complementing said locking-structure, selective box joints complementing the receptacles and pins of said device joints, selective power wire terminals selected from a group comprising live AC terminal, neutral AC terminal, a ground terminal, at least one load terminal, at least two traveler terminals, at least one assignable terminal and combinations thereof, said method comprising the steps of:

e. connecting said live AC terminal to live AC and said neutral AC terminal to neutral AC;
f. connecting at least one of said load terminal and said ground terminal to one of a load and ground;
g. installing said support box into a standard wall box;
h. installing said wiring device into said support box by engaging the device joints with said box joints and said locking structure with said counter structure.

2. The method according to claim 1, wherein said AC live terminal is linked by a live conductive bar to at least one of receptacle and pin of said box joints for feeding AC power to said wiring device via one of a live AC pin and receptacle of said device joints.

3. The method according to claim 1, wherein said AC neutral terminal is linked by a neutral conductive bar to at least one of receptacle and pin of said box joints for feeding AC power to said power outlet via one of a neutral AC pin and receptacle of said device joints.

4. The method according to claim 1, wherein said assignable terminal is attached to one of receptacle and pin for enabling to link a ground bar to at least one of plurality of pins and receptacles for interconnecting a ground line to at least one AC outlet via said AC outlet joint.

5. The method according to claim 2, wherein said live conductive bar is structured to include at least one low ohmic metal alloy portion for developing voltage drop commensurate with the current drain through said bar and each of said joints feeding AC power to said wiring device.

6. The method according to claim 1, wherein said support box is structured with a frame and self-locking sockets for attaching a decorative cover having complementing mechanical locks with adjustment of the decorative cover to the wall surface.

7. The method according to claim 1, wherein said supporting box including an intelligent control and communication circuits selected from a group comprising a CPU, a memory, power consumption measuring and calculating circuit, an RF transceiver, at least one optical transceiver, at least one of read and read-write RFID, at least one of setting selector and combinations thereof;

said intelligent control comprising at least one of setting particulars of at least one appliance and power outlet via said selector and installing into said memory said particulars communicated via at least one of said transceiver and said RFID;

said communication circuits of said optical transceiver are selected from a group comprising a first optoport for communicating at least one way of two way optical signals via one of plastic optical fiber "POF" and fiber optic cable, a second optoport for propagating in concert with said first optoport two way cascading optical signals for linking plurality of said support boxes via an optical network of

optical cables, at least one third optoport for communicating optical signal with an optoport of one of a power plug and plug adaptor via an access in said power outlet, at least one IR transceiver for communicating at least one way of two way IR in line of sight and combinations thereof.

8. The method according to claim 7, wherein an antenna of said RFID and said third optoport are individually enclosed in a structured sensor for introduction through an access at the rear and an opening of a front surface of said power outlet.

9. The method according to claim 7, wherein said support box is provided with at least one of a sensor and a selector socket for attachment to at least one of attachable sensor and selector structure selected from a group comprising said RFID, said optoport, said setting selector and combinations thereof for introduction through an access at the rear and an opening of a front surface of a given power outlet for providing said setting and one of installing and identifying particulars of a given appliance via a front surface of said given power outlet powering said given appliance.

10. The method according to claim 7, wherein said two way communication commands and responses are selected from a group comprising control for operating a load, command for switching said load on-off, request for said load status, request for said load particulars, request for said outlet particulars, request for current drain data, request for power consumed data, installing particulars into said memory, removing particulars from said memory, confirmation of received command, status reporting, particulars reporting, reporting current drain, reporting power consumed, reporting power consumed with particulars of a load, confirmation of one of installing and removing said particulars and combinations thereof.

11. An electrical support box wherein at least one attachable wiring device is selected from a group comprising a power outlet, a relay, a switch, an hybrid relay-switch, an hybrid switch and combinations thereof for attachment into said support box, each said wiring device comprising at least one locking structure and device joints selected from a group comprising a live AC joint, a neutral AC joint, at least one load joint, at least two traveler joints, at least one relay joint, a ground joint and combinations thereof with each joint is one of a receptacle and a pin;

said support box comprising selective box joints complementing said receptacles and pins of said device joints, selective power wire terminals selected from a group comprising live AC terminal for connecting said support box to live AC, neutral AC terminal for connecting said support box to neutral AC, a ground terminal for connecting ground wire to said power outlet, at least one load terminal for connecting a switched live AC to a load, at least two traveler terminals for connection to one of an SPDT and DPDT switch, at least one assignable terminal selectively assigned for connection to at least one of said live AC, neutral AC, ground, load or traveler; and

said support box sized for installation into a standard electrical wall box is further comprising at least one counter structure complementing said locking-structure for engaging the device joints with said box joints and said locking structure with said counter structure.

12. The electrical support box according to claim 11, wherein said AC live terminal is linked by a live conductive bar to at least one of receptacle and pin of said box joints for feeding AC power to said wiring device via one of a live AC pin and receptacle of said device joints.

13. The electrical support box according to claim 11, wherein said AC neutral terminal is linked by a neutral conductive bar to at least one of receptacle and pin of said box joints for feeding AC power to said power outlet via one of a neutral AC pin and receptacle of said device joints.

oo

14. The electrical support box according to claim 11, wherein said assignable terminal is attached to one of receptacle and pin for enabling to link a ground bar to at least one of plurality of pins and receptacles for interconnecting a ground line to at least one AC outlet via said AC outlet joint.

15. The electrical support box according to claim 12, wherein said live conductive bar is structured to include at least one low ohmic alloy portion for developing voltage drop commensurate with the current drain through said bar and each of said joints feeding AC power to said wiring device.

16. The electrical support box according to claim 11, wherein said support box is structured with a frame and self-locking sockets for attaching a decorative cover having complementing mechanical lock with adjustment of the decorative cover to the wall surface.

17. The electrical support box according to claim 11, wherein said supporting box including an intelligent control and communication circuits selected from a group comprising a CPU, a memory, power consumption measuring and calculating circuit, an RF transceiver, at least one optical transceiver, at least one of read and read-write RFID, at least one of setting selector and combinations thereof;

said intelligent control comprising at least one of setting particulars of at least one appliance and power outlets via said selector and installing into said memory said particulars communicated via at least one of said transceiver and said RFID;

said communication circuits of said optical transceiver are selected from a group comprising a first optoport for communicating at least one way of two way optical signals via one of plastic optical fiber "POF" and fiber optic cable, a second optoport for propagating in concert with said first optoport two way cascading optical signals for linking plurality of said support boxes via an optical network of optical cables, at least one third optoport for communicating optical signal with an optoport of one of a power plug and plug adaptor via an access in said power outlet, at least one IR transceiver for communicating at least one way of two way IR in line of sight and combinations thereof.

18. The electrical support box according to claim 17, wherein an antenna of said RFID and said third optoport are individually enclosed in a structured sensor for introduction through an access at the rear and an opening of a front surface of said power outlet.

19. The electrical support box according to claim 17, wherein said support box is provided with at least one of a sensor and a selector socket for attachment to at least one of attachable sensor and selector structure selected from a group comprising said RFID antenna, said optoport, said setting selector and combinations thereof for introduction through an access at the rear and an opening of a front surface of a given power outlet for providing said setting and one of installing and identifying particulars of a given appliance via the front surface of said given power outlet powering said given appliance.

20. The electrical support box according to claim 17, wherein said two way communication including command and responses are selected from a group comprising control for operating a load,

oo

command for switching said load on-off, request for said load status, request for said load particulars, request for said outlet particulars, request for current drain data, request for power consumed data, installing particulars into said memory, removing particulars from said memory, confirmation of received command, status reporting, particulars reporting, reporting current drain, reporting power consumed, reporting power consumed with particulars of a load, confirmation of one of installing and removing said particulars and combinations thereof.

oo