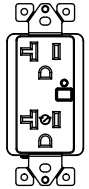
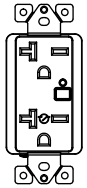
INSTALLATION INSTRUCTIONS

MWS-120,MWS-240

Smart AC Switching Control Receptacle



MWS-120



MWS-240

◆ SPECIFICATION

Voltage(MWS-120).....120VAC,60Hz
Voltage(MWS-240).....240VAC,60Hz
Load Rating.....20A
Operating temperature.....30°F to 120°F
Relative Humidity.....20% to 90% non-condensing
Operating Frequency.....315MHz
Reception Sensitivity.....-105dBm
Wireless Transmitting current.....40 mA
Max Wireless Range(direct).....within 20 feet

◆ FEATURE

- Flush mount 20A Smart Receptacle
- Constant System Self Testing
- Side wired only
- Have code function to ensure the uniqueness of device control
- One controlled receptacle
- Both are tamper resistant receptacles

◆ DESCRIPTION

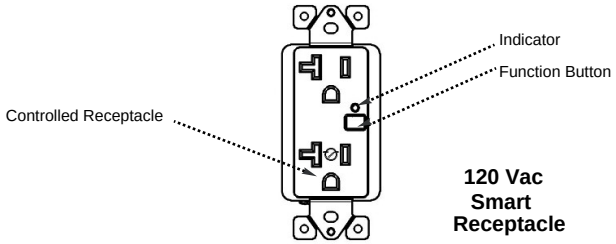
Energy is the basic power for ensuring the working of all machines.To save energy and decrease the daily consumption means that the oper--ation cost will be reduced and the profit will raise. The air conditioner's energy consumption takes up a majority of the total energy consumption. Therefore s set of energy-saving air conditioning control system is fairly essential.

The air conditioning auto control system is made up of three parts: two transmit devices and one receive smart receptacle, each of which communicates wireless with the receptacle in a single room, to control the air conditioning auto on/auto off, then can save energy and make the air conditioner more intelligent.

◆ COMPONENTS

Smart Decorator Duplex Receptacle

(MWS-RSC-120, and MWS-RSC-240)



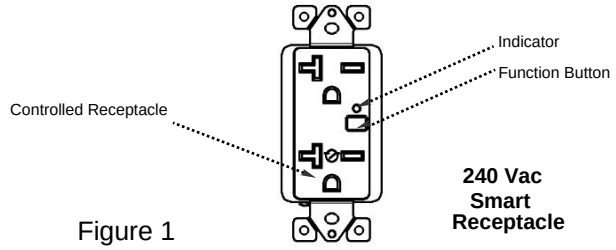


Figure 1

This flush wall mount wiring device meets all the fire and building code as a receptacle for air conditioner , electric heater, and fan coil for air conditioning . It receives and processes signals from transmit device, make and break the circuit base on occupancy or vacancy of the room.

Installation : Connect Hot Line wire to Black screw terminal,Neutral to White screw Terminal, Ground to Green screw terminal.

◆ TESTING

Warming Up:

After connecting power to Smart Receptacle , there are 40 seconds warming up time.

When both LEDs of Smart Receptacle and transmit devices flash twice. If not, go to Code Learn Mode.

Self Test Mode:

Push the Function button on Smart Receptacle only once, LED blinks once , the system is now Self Test mode, do not plug in the load at this

time. LED blinking rapidly, solid On and Off . After 5 minutes , LED becomes solid On , Self Test Mode is finished. If LED is off at this time, open or close the door ,LED turns On.

Confirming Test:

Make sure transmit device is not detecting anyone, close and open the door , keep the door open for the next 15 minutes , LED turns Off between 10 to 15 minutes.Test complete.

◆ CODE LEARNING MODE

Factory Default:

The codes are factory preset in a package. However, if there is a need of code match, push the Function button for more than 5 seconds, LED will become blinking, in the next 30 seconds, transmit device's LED turns solid,code is matched.

Note: once a new code in , the old code will be erased in the Smart receptacle.

◆ TROUBLE SHOOTING

LED on Receptacle keep flashing:

Run Self Test Mode, if end of batteries , replace them.

Power Off 15 minutes even if occupancy:

RF signal is blocked from the transmit device to the receptacle

Power On 10-15 minutes even if vacancy:

RF signal is blocked from the transmit device to the receptacle

Receptacle can not recognize signals from Sensor:

Refer to the CODE LEARNING MODE.

◆ WARRANTY INFORMATION

Our company warranties its products to be free of defects in materials and workmanship for a period of two (2) years. There are no obligations or liabilities on the part of our company for consequential damages arising out of or in connection with the use or performance of this product or other indirect damages with respect to loss of property, revenue , or profit ,or cost of removal, installation or reinstallation.

Feb,2012

FCC STATEMENT

1. This device complies with Part 15 of the FCC Rules.
Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.
2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-- Reorient or relocate the receiving antenna.
-- Increase the separation between the equipment and receiver.
-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-- Consult the dealer or an experienced radio/TV technician for help.