

Appliance Module Wired AM12W

Qualities



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KEY Features:

- * On/Off function to control fluorescent lamp, fan, air conditioner, coffee machine, etc.
- * Designed to operate with 230VAC 500W loads.
- * Can be built-in, wired to the appliance it has to control

Applications

The appliance module is a 500W receiver unit that works as a remote controlled switch/relay. The connected load can also be switched on and off locally.

The appliance module can switch incandescent lamps up to 500W, appliances with electric motors up to 250W or halogen floor lamps with foot dimmer up to 500W (refer also to "technical data"). The AM12W is a small module that can be fitted easily in any false ceiling, wall, etc. to control in a very esthetic way. Just set the wheels on the front side to the desired device address (e.g. F9) and note this address down in a list.

The load connected to the appliance module can still be controlled locally by its own switch, but do not forget to leave the local switch in the "ON" position, as other wise the load can not be controlled by an X-10 controller. Switch the load off by remote control.

The AM12W responds to "standard" X-10 that is : "all units off" from any controller set to its house code regardless of unit code or alternatively individual unit control by "ON" and "OFF".

Technical information

Supply voltage:	230V +/- 10% 50Hz
Supply current:	<= 20 mA capacitive
Making capacity:	500W (incandescent lamps only) 1A (motors) / 10A (resistive loads)
EMC emission:	According to EN 50081-1
EMC immunity:	According to EN 50082-1
Electrical safety:	According to EN 60950 and EN 60065
Signal sensitivity:	15mVpp min 50 mVpp max at 120 kHz
Input impedance:	> = 180 Ohm (L-N) at 120 KHz
Ambient temperature:	- 10° C to + 50° C (operation) -20° C to + 70° C (storage)