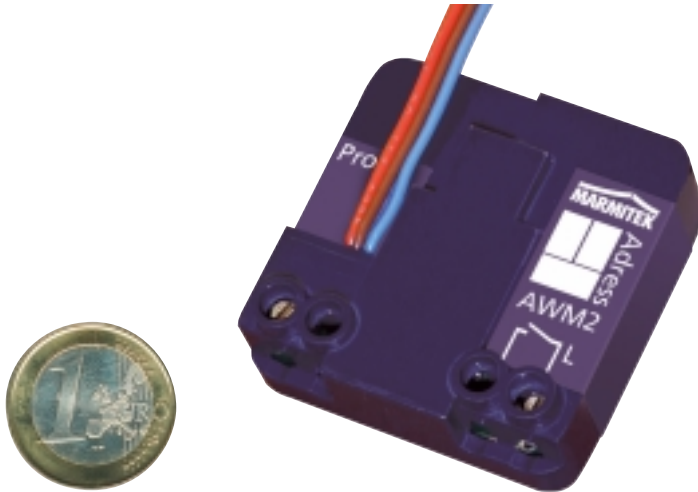


# AWM2 MICROMODULE



## COMPATIBLE WITH:

- ACT A-10
- Aritech CS 575/275/175 series X-10 powerline carrier control
- Busch Jaeger Timac
- Busch Jaeger Netzbus
- Honeywell TotalHome
- Marmitek X-10
- Visonic PowerMax X-10 powerline carrier control
- X-10
- X-10 PowerHouse

**The AWM2 MicroModule is an extreme small Marmitek X10 Transmitter for 2 addresses with built-in appliance module. The AWM2 connects up to 2 momentary or maintained switches by wire leads.**

External switch 1 (connected to the brown and blue wire) controls the relay and transmits ON/OFF X-10 command for the configured address. Switch 2 (connected to the red and blue wire) only transmits an ON/OFF command for the configured address plus one. MicroModules use 2 way X-10 communication.

Marmitek MicroModules are designed to fit in the rear of European junction boxes, behind any installed switch or outlet.

## Features:

- Extreme small size (46x46mm and only 16 mm thick)
- Built-in appliance module with 16A rating
- Relay holds last state on power loss
- Low noise relay
- Two way X-10 communication
- Able to change internal ON/OFF state by global commands like ALL LIGHTS ON and ALL UNITS OFF to stay in "sync" with modules to which it is configured
- HouseCode, UnitCode and settings can be simply programmed with every X-10 compatible controller (e.g. Marmitek 8in1 in combination with TM13 transceiver)
- Improved S/N ratio for reliable X-10 communication
- Power/Status/Configuration LED

## Applications

- Remote ON/OFF control of electrical loads
- Provides powerline carrier control to existing light switches
- Transforms conventional switches into an X-10 transmitter
- Full control of all your X-10 modules by conventional switches
- Choose your own brand, design and color for switches and wall sockets
- Place X-10 modules out of sight
- Turn every existing wall socket into an X-10 controlled wall socket
- Ideal for installation into light fixtures, home appliances and other limited areas
- Install two-way switches without any additional wiring between switches (Marmitek MicroModules transmit their status to other MicroModules through the power line).
- Use a conventional switch on a fixed location to execute Macro's

# AWM2 MICROMODULE

**Power**

Supply Voltage 230VAC, +10%/-15%  
 Frequency 50Hz  
 Supply current Less than 50 mA

**Signal**

Signal input X-10 PowerLine Carrier, sensitive to 50mV  
 Signal output X-10 PowerLine Carrier, 5Vpp @ 5 Ohms  
 Relay 16 A  
 3 phase use The AWM2 transmits signals for use on 1 phase only. You should use the CAT3000 repeater (Art.No. 09304) to be able to receive the commands of the AWM2 on other phases. The AWM2 does receive commands from standard Marmitek X10 transmitters on different phases.

Two wall switch inputs (dry contact) Three 120mm, 0,33mm<sup>2</sup> Flying leads:  
 Switch 1 - Brown (controls the relay)  
 Switch 2 - Red (controls next sequential address)  
 Common - Blue

**Programming**

Can be programmed by every Marmitek X-10 compatible controller.  
 Can also be programmed by special Marmitek PRU256 programmer/X10 logger (Art.No. 09303)

**Mechanical requirements**

**Power**

Screw terminals (2x) L - Will handle up to 2,5mm<sup>2</sup> solid copper wire  
 N - Will handle up to 2,5mm<sup>2</sup> solid copper wire

**Load Output**

Screw terminals (2x) L out - Will handle up to 2,5mm<sup>2</sup> solid copper wire  
 N 2 - Will handle up to 2,5mm<sup>2</sup> solid copper wire

**Enclosure**

Dimensions 46 x 46 x 16 mm  
 Weight 34 grams  
 Mounting Sized for mounting of 75mm dia x 50mm deep European round electrical junction box, or other limited areas

**Environmental Requirements**

Operating Temperature Range -10 to +40 degrees C  
 Storage Temperature Range -20 to +70 degrees C  
 Humidity Range 10 to 95% non condensing

**Approvals**

NEN-EN-IEC 60669-2-1  
 NEN-EN-IEC 60669-2-2  
 CE

Specifications may change without notice to improve product performance

