

AD10™



EN X-10 Switch

- Switches loads up to 3600W
- Status indication with LED lamp.
- With the module you can control appliances and lights using the Marmitek X-10 system. Ideal for use with garden ponds, light groups, other appliances and in the office for 'All Appliances Off' or 'All Lights Off', etc.
- The module can be combined with one or more momentary switches (of any type or brand), which means the module can also be used in two way switch schemes.
- The module contains a selector switch that can be set to continuous on (1), continuous off (0) and remote control (auto).
- Can be used in combination with 'designer' switching material.
- The module can be mounted on the DIN Rail and built into a separate casing or into the distribution panel.

DE X-10 Schalter

- Schaltet Belastungen bis 3600 W.
- Statusanzeige mit LED.
- Das Modul kann zum Fernbedienen von Geräten und Beleuchtung mit Hilfe des Marmitek X-10 Systems eingesetzt werden. Ideal für Anwendungen in Wohnungen, Beleuchtungsgruppen, Geräten, Gartenteichpumpen und in Büros für Funktionen wie 'alle Geräte aus' oder 'alle Lampen aus' usw.
- Das Modul kann auch mit einem oder mehreren Momentschaltern (egal welches Modell oder Fabrikat) kombiniert werden, womit das Modul auch in Wechselschaltungen eingesetzt werden kann.
- Das Modul besitzt einen Wählschalter, der auf Dauerbetrieb, dauernd aus und Schalten/Fernbedienen gestellt werden kann.
- Kann in Kombination mit 'Design'-Steckdosen verwendet werden.
- Das Modul kann für DIN-Schienen verwendet werden und kann in ein abschliessbares Gehäuse oder einen Schaltschrank eingebaut werden.

FR Interrupteur X-10

- Change charges jusqu'à 3600W.
- Indication d'état avec LED.
- Le module permet de contrôler à distance vos appareils et vos lumières, en utilisant le système Marmitek X-10. C'est idéal pour commander la pompe du bassin de jardin, les différents groupes d'éclairage ou les différents appareils dans les habitations ou pour les commandes "toutes unités éteintes" ou "toutes lumières éteintes", etc. dans les bureaux.
- Le module peut être combiné avec un ou plusieurs interrupteurs à impulsion (toute marque, tout modèle), permettant d'utiliser le module dans un circuit va-et-vient.
- Le Module contient un commutateur sélecteur qui peut être positionné en mode MARCHE continue, ARRÊT continu ou commutation/commande à distance.
- Peut être utilisé en combinaison avec le matériel interrupteur « design ».
- Le module se monte sur un rail DIN et peut être encastré dans un boîtier fermé ou dans une armoire électrique.

ES Interruptor X-10

- El módulo tiene un conmutador de selección para seleccionar entre "siempre encendido" "siempre apagado" y "mando a distancia".
- El módulo puede combinarse con uno o varios interruptores de impulsos (de cada modelo y marca), de manera que el módulo también puede aplicarse en esquemas de conmutadores bidireccionales.
- Con el módulo pueden controlarse dispositivos y luces utilizando el sistema X-10 de Marmitek. Perfecto para aplicaciones como p.e. bombas de acuarios, grupos de iluminación, otro equipo y en oficinas para p.e. "Apagar todas las Unidades" o "Apagar todas las Luces".
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- El módulo tiene un conmutador de selección para seleccionar entre "siempre encendido" "siempre apagado" y "mando a distancia".
- Puede emplearse en combinación con conmutadores de "diseño".
- El módulo es conveniente para el montaje en carril DIN y puede montarse en un gabinete cerrado o en la caja de distribución.

IT Interruttore X-10

- Commutazione carichi di potenza fino a 3600W.
- Indicazione di stato tramite LED.
- Con il modulo è possibile comandare a distanza elettrodomestici e luci tramite il sistema X-10 di Marmitek. Ideale per l'uso a casa per stagni del giardino, gruppi di luci, apparecchiature e in ufficio per funzioni come "All Appliances Off" o "All Lights Off" ecc.
- Il modulo può anche essere combinato con uno o più interruttori momentanei (di ogni tipo o marchio), cioè il modulo può anche essere applicato in schemi elettrici a due vie.
- Il modulo contiene un selettore che può essere impostato su funzionamento continuo, spegnimento continuo e comando a distanza (auto).
- Può essere usato in combinazione con gli interruttori di design.
- È possibile montare il modulo su una guida DIN e in un alloggiamento chiudibile o armadio di comando.

NL X-10 Schakelaar

- Schakelt belastingen tot 3600 W.
- Statusaanduiding met led.
- De Module kan toegepast worden voor het op afstand schakelen van apparatuur en verlichting met behulp van het Marmitek X-10 systeem. Ideaal voor toepassingen in woningen t.b.v. vijverpomp, verlichtingsgroepen, apparatuur en in kantoren voor functies als "alle apparatuur uit" of "alle verlichting uit" etc.
- De module kan ook worden gecombineerd met één of meerdere pulsschakelaars (ongeacht model of merk) waardoor de Module ook in wisselschakelingen kan worden toegepast.
- Op de Module is een keuze-schakelaar aanwezig die ingesteld kan worden voor continu bedrijf, continu uit, en schakelen / besturen op afstand.
- Kan gebruikt worden in combinatie met "design" schakelmateriaal.
- De Module is bedoeld voor DIN rail montage en kan in een afsluitbare behuizing of schakelkast gemonteerd worden.

AD10™

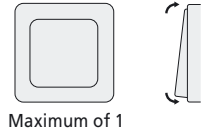
The X-10 DIN rail switch is a remote controlled relay. Discretely installed at the junction box, it switches hard-wired circuits with several switches (e.g. hallway lighting). The internal relay can be tripped either by external latched or momentary action wall switches or by an X-10 controller. The AD10 responds to STANDARD X10 protocols: "All units off" from any X-10 controller set to its house code, regardless of unit code. Or alternatively, by individual unit control using "On" and "Off". When the relay is energized, the LED above the slide switch is illuminated. This unit can replace any pulse contact relay that is commonly used for multi-switched hall and entry lighting. In discrete locations, e.g. kitchen lighting, you may prefer to install the AD10 in a small sub-junction box.

- Can be remotely switched using regular, momentary timer or delay switches or via the mains using the Marmitek X-10 Commands.
- The module responds to the Marmitek X-10 Commands 'On', 'Off' and 'All off'.
- Operation of the unit with Marmitek X-10 Commands takes place via the mains wires, which means no extra wiring is necessary.
- Momentary switches attached to the module cannot have a glow lamp in series.
- Phase and Neutral have to be available before the module can be installed.
- The module is addressed by the two dials on the front, which set the House Code and Unit Code for the module.

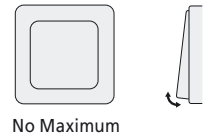
Inputs

The AD10 DIN Rail module has 2 inputs to control the built-in appliance module.

Input 1. To control the built-in appliance module, using one 1-pole standard rocker switch. When contact is closed, build-in appliance module will switch ON or stay ON. When contact is opened, build-in appliance module will switch OFF or stay OFF.



Input 2. To control the built-in appliance module using 1-pole momentary switches (normally open contact) More switches can be used in parallel.



Technical data

Supply voltage:	230V +10% -15% 50 Hz Electricity consumption < 0,02 W
Switching power:	3600W/230V for resistive (ohm) load 700W/230V for inductive/capacitive load 2000W/230V for light bulbs and halogen lighting
Signal sensitivity:	15 mVpp min 50 mVpp max at 120 kHz
Input impedance:	> 180 Ohm (L - N) at 120 kHz
Connection:	Connecting clamps for phase, neutral, switched phase, switch and momentary switch.
Ambient temperature:	- 10° C to + 50° C (operation) - 20° C to + 70° C (storage)
Dimensions:	35x80x70mm

Also available

Visit www.marmitek.com for our complete product range.



Plug-in Modules



Transmitters/Controllers



Dimmers/Switchers



Build-in Modules

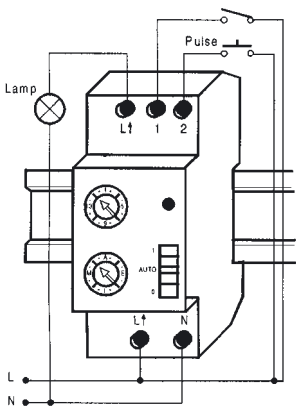


Din-rail Modules



Micro Modules

Connections AD10



Position 0: The connected load is switched off and cannot be switched on using one of the wall switches or Marmitek X-10 Commands.

Position 1: The connected load is switched on and cannot be switched off using one of the wall switches or Marmitek X-10 Commands.

Position Auto: The connected load can be switched on or off using one of the wall switches or Marmitek X-10 Commands.

WARNING
Automatic switching devices provide comfort, but can also be dangerous. They can surprise people or can ignite clothing hanging over an electric heat source. Please be careful and **WIRING DIAGRAM** take appropriate measures to avoid accidents.

Set includes



1x AD10 Din Rail Module



1x User manual

English, Deutsch, Français, Español, Italiano, Nederlands.

Order information

AD10™

Art.nr. 08933

Gift box size (LxWxH)

90 x 174 x 144 mm