

## DESCRIPTION

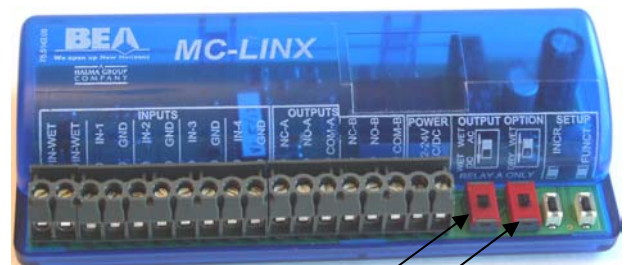
DATE: 03 OCT 2005

SUBJECT: **CAUTION – IMPORTANT MC LINX SETUP INSTRUCTIONS**

- ❑ The purpose of this Bulletin is to call out important guidelines when using a “Wet” output option as offered on the BEA MC Linx 1 and MC Linx 2 relay modules.
- ❑ It has been discovered through a few returned products that the “Wet” output option is possibly being used in an incorrect manner. This Bulletin will clarify the application and will point out conditions which may cause damage to equipment.

## GUIDELINES

- ❑ A “Wet” output means that the installer intends to use a voltage supplied by the MC Linx as an output from the relay. If an output type is selected to be wet, it means the module will provide an internal voltage output at the relay when the output changes state.
- ❑ A “Dry” output means that the installer intends to use the relay to complete a circuit. Upon activation, the module does not supply voltage at the output of the relay. An example of a dry output is a typical dry contact relay that is used to open or close a circuit upon activation.



AC – DC Option

WET – DRY Option

## PRECAUTIONS



- ❑ A few Cautions must be observed when using a “Wet” output:
  - Never change the switch settings when the module has power connected to it or when a load is applied.
  - Never allow 2 different voltage sources to be connected to the load (electric strike for example) at the same time. This can result in serious damage to equipment.
  - If a device is normally being powered by a separate power source, do NOT select the “Wet” output option on the MC Linx. If “Wet” is selected, the next activation of the module will send a voltage to the load and if there is already a voltage being applied from another source, the MC Linx and possibly the load will be permanently damaged.
  - When using the “Wet” output option on the MC Linx, set all desired switch positions (Wet – Dry and AC – DC) before the module is powered and before any loads are applied.
  - Ensure there is no other voltage connected to the load. Whatever the input voltage is at the MC Linx, the output will correspond. The following can also be observed:
    1. If voltage input at the MC Linx is AC, then output selection can be AC or DC
    2. If voltage input at the MC Linx is DC, then output selection can only be DC
    3. The maximum load applied to Output A should never exceed 1A. If more than one device is to be connected, add the consumption values together for a total value. If current is excessive, damage to equipment can result.
    4. On the MC Linx, the “Wet” output is only available at Output A.

## COMPANY CONTACT

If after troubleshooting a problem, a satisfactory solution cannot be achieved, please call B.E.A., Inc. for further assistance during, Eastern Standard Time at 1-800-523-2462 from 7am - 5pm.

For after-hours, call East Coast: 1-866-836-1863 or 1-800-407-4545 / Mid-West: 1-888-308-8843 /

West Coast: 1-866-721-8646. DO NOT leave any problem unresolved. If you must wait for the following workday to call B.E.A., leave the door inoperable until satisfactory repairs can be made.

NEVER sacrifice the safe operation of the automatic door or gate for an incomplete solution.

Web: [www.beasensors.com](http://www.beasensors.com)