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EAM MODULE

WIRING SOLUTIONS



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EAM Module Lighting and Lighting Control Wiring Solutions for energy efficiency, coupled with labour saving.



The **EAM Module** is a highly flexible, configurable and intelligent, lighting control module, designed to change the way cabling, lighting, and lighting controls are incorporated into buildings. Fixed wiring is replaced with plug-in simplicity and soft wiring connections, resulting in the lighting control being part of the lighting installation.



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The flexibility of the **EAM** enables it to be used in a wide range of applications including commercial, industrial, educational, and hospital installations.

Each EAM Module offers;

- **Quick and easy installation for time and cost savings.**
- **Elimination/reduction in wiring faults as pre-wired luminaires and detectors are delivered direct to site.**
- **Greater flexibility as luminaires and detectors can be changed or repositioned without major disruptions.**
- **A range of MLS Sensor options are available including PIR, Microwave, and Integral to ensure greater flexibility.**

Simple programming changes are made via an infrared programmer.

Also, by connecting an MLSUCA/B Control and Communications Interface, each **EAM** can be monitored over an Internet or Ethernet connection and interact via BACnet protocol to other systems (BMS, HVAC, etc.).



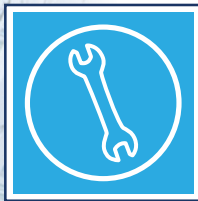


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EAMMODULE



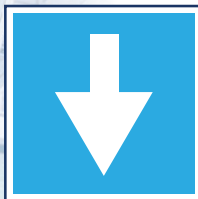
LABOUR SAVING

Replaces traditional wiring of Lighting and Lighting Control circuits, with a rapid and easily installed range of advanced prefabricated connector and cable assemblies, reducing installation time by up to 70% in most types of projects.



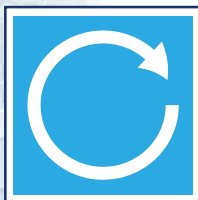
ROBUST DESIGN

A complete Lighting and Lighting Control installation is achieved quickly and safely by simply plugging the system components together.



COST EFFECTIVE LOCAL CONTROL

The **EAM** has the ability to convert a simple momentary push-button switch into a sophisticated smart switch, that is, one switch dimming, partitioning, scene selection and more, without the high cost associated with conventional lighting control systems.



ONE BOX SOLUTION

Power, Communication, Automation, and Local Control all in the one box



QUALITY

Factory tested assemblies reduce the potential for cabling errors using quick pluggable, coded & lockable connections.



FLEXIBILITY

Greater flexibility as luminaires and detectors can be changed or repositioned without major disruption.



INTERFACING

The **EAM** is completely compatible with the existing and highly successful Managed Lighting System (MLS).



TESTING

With fully tested electrical connections straight from a quality controlled environment. There is almost no potential for error, this means the elimination of wiring faults as pre-wired luminaires and detectors are delivered direct to site.

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