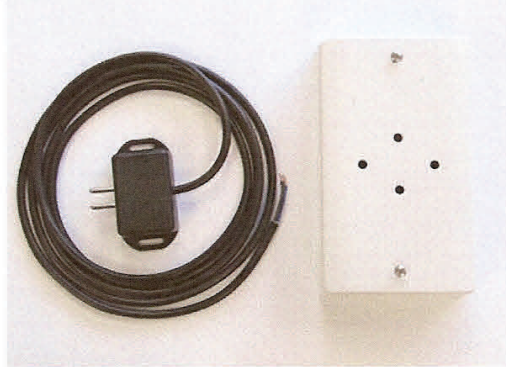


AX-WLD-DTA

Drip Tray Water Level Alarm Module 230Vac

AXIO



Product Overview

The AX-WLD-230-A is a single zone Drip tray water level alarm module which can be supplied in an enclosure. The module can have a total of 200m of cable connected (cable and header). The sensitivity is adjustable to ensure false alarms are not given. A loud alarm buzzer is built in.

Features

- A total of 200m cable can be connected
- Adjustable sensitivity
- Loud audible alarm (100db)
- Input from point sensors

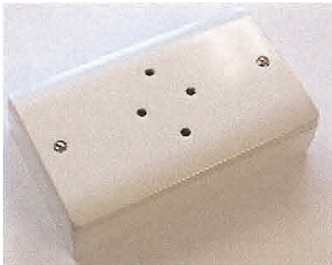
Product Specifications

| | |
|------------------------|--|
| Supply Voltage: | 230Vac@50Hz +/- 15% |
| Supply Current | 50mA max |
| Relay: | SPST |
| Relay Output: | 6A inductive@230Vac |
| Audible alarm output | 100dB@ 1m |
| Alarm Delay Time: | 15 Minutes (buzzer will switch off after 15mins) |
| LED Indication: | On when energised |
| Electrical Connections | Rising cage terminals for 0.5-2.5mm ² cable |
| Dimensions:pcb | 105 x 59 x 28mm approx |
| Ambient Range: | -10 to +50deg C, 0-90% RH condensing |
| Country of Origin: | U.K. |

Order Codes:

| | |
|----------------|---|
| AX-WLD-DTA | 230Vac Drip Tray Water level alarm module |
| AX-WLD-DTA-ENC | 230Vac Drip Tray Water level alarm module complete with enclosure |
| AX-WPS | Point sensor for AX-WLD-230-A c/w 2m cable |
| AX-WLD-ENC | Ventilated enclosure for AX-WLD-230-A |

Enclosure :



| | |
|-------------|----------------------|
| Housing: | White ABS (UL Rated) |
| Dimensions: | 147 x 88 x 42 |
| Protection: | IP20 |
| Weight: | complete 305gms |



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AX-WLD-DTA

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Installation

SAFETYNOTE:

Prior to Installation ensure that all power sources are disconnected and locked-out and remain locked out during Installation and set-up, as severe injury or death can result from Electric Shock due to contact with High Voltage Conductors. Ensure all installations are in compliance with applicable electrical codes and that the installation is carried out by qualified installers familiar with the relevant standards and proper safety procedures for high voltage installations. Never rely on status indication on any device to determine if power is present.

Sensitivity:

Power the WLD-DTA and adjust the sensitivity potentiometer on the WLD-DTA by turning anti-clockwise until the LED comes on, and then back clockwise until the LED goes off. Less sensitivity may be needed when long runs of cable are used. Where short cables are used the LED may not come on even when set to maximum sensitivity.

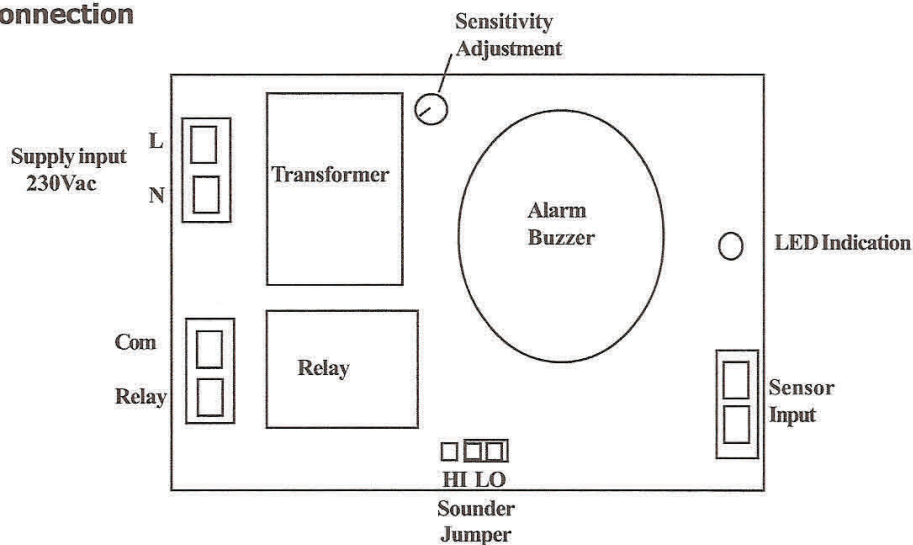
Testing:

To test the installation put a wet cloth over the probes to simulate a water leak, the buzzer will come on. Remove the cloth and remove power from unit to turn the buzzer off.

Audible Alarm Output:

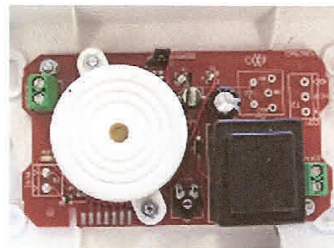
The jumper can be temporarily placed in the LO position to attenuate the alarm during commissioning.

Connection



Interlock - if used with a fan coil to detect condensate overflow

Please interlock the 230Vac supply to the supply of the Fan coil to ensure the only way the sounder can be turned off is to switch off the fan coil as well as the waterleak detector



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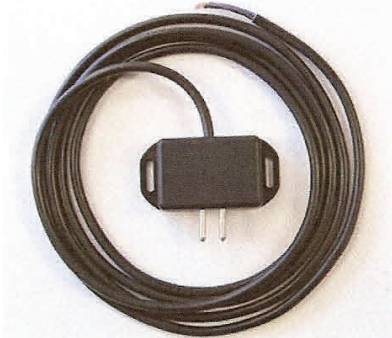
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AX-WLD-DTA

Drip Tray Water Level Alarm Module 230Vac

AXIO

AX-WPS Point Sensors



Technical Overview

The AX-WPS water leak point sensor is used to detect water in a drip-tray, and is used in conjunction with the AX-WLD-DTA detection module.

Features

- More than one can be connected to AX-WLD-DTA
- Robust housing
- Slot lugs for easy installation
- 2 Stainless steel probes

Specifications

Housing

| | |
|--------------------|----------------|
| Material: | Black ABS |
| Protection Rating: | UL94-HB |
| Cable length: | 2m |
| Dimensions: | 50 x 35 x 20mm |

Probes:

| | |
|--------------------|-----------------|
| Material: | Stainless steel |
| Dimensions: | 13mm x 3mm dia. |
| Country of origin: | UK |

Installation

1. Fix the AX-WPS in the location where leak detection is required.
2. The AX-WPS is fitted with a 2 meter leader cable that can be connected to a AX-WLD-DTA alarm module. (A maximum of 200 meters is allowed for each AX-WLD-DTA).
3. Connect the 2-core leader cable to the AX-WLD-DTA alarm module sensor input (polarity independent).
4. Power the AX-WLD-DTA, and adjust the pot on the PCB anti-clockwise until the LED comes on, and then back clockwise until the LED goes off
5. Test the sensor by placing a damp cloth over the stainless steel probes to simulate a water leak, the buzzer will come on. Remove the cloth and power from the unit to turn the buzzer off.
6. More than one AX-WPS can be connected to a AX-WLD-DTA alarm module, as long as the total cable run does not exceed 200 meters.



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