

AX-WRS1

Rain Sensor with Integral Heater - 1 meter

AXIO



Product overview

The AX-WRS1 rain sensor is part of a range of peripherals that directly interface with the AX-WLD2 range of water leak detection modules.

The WRS1 provides detection of rainfall. An integrated heater prevents false detection alarms resulting from dew forming, and to provide rapid recovery from rainfall.

The supplied mounting bracket features swivel adjustment for best positioning, and is held in place by a wing-nut.

This unit must be used with an AX-WLD2 module.

Features

- Heater to rapidly recover after rainfall
- Accurate switching
- Directly Interfaces with AX-WLD2 Range
- Swivelling Mounting Bracket
- Made in the UK
- 3 Year Guarantee

Product specifications

Housing:	Material:	ABS
	Dimensions:	73 x 45 x 32mm maximum
Bracket:	Material:	Stainless Steel
Country of Origin:		UK

Installation

1. Fix the AX-WRS1 in a suitable location, with suitable screws through the bracket.
2. Angle the sensing head so the exposed detection plate is best suited to receive rainfall.
3. Terminate the cable cores in a terminal block, housed within a suitable junction box.
4. From the junction box connect the cable to the AX-WLD2 alarm module and terminate the red and blue wires to the sensor input (polarity independent), and the yellow and green to a 24Vac/dc supply (if required).
5. Power the AX-WLD2, and adjust the relevant pot on the PCB anti-clockwise until the relevant LED illuminates, and then clockwise until the LED extinguishes.
6. Test the sensor by placing a damp cloth over the detection plate. The AX-WLD2 relay will indicate an alarm.
7. Remove the cloth, and check the relay de-energises.

Please note: Failure to use the AX-WRS1 with an AX-WLD2 will result in premature failure of the unit, and will not be covered by warranty.

Connections

Wire Colour

Red
Blue
Yellow
Green

Termination

To AX-WLD2 (Polarity Independent)
To AX-WLD2 (Polarity Independent)
Heater - 24Vac/dc (40mA max.) If fitted
Heater 0V if fitted

Order codes

AX-WRS1

Rain Sensor with 1 meter cable

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