



## Features and Benefits:

The **DAS** is a small, lightweight device that sounds an alarm and illuminates when water is sensed. Simply place on a flat surface under your equipment. The **DAS** relies on the electrical conductivity of water to change the resistance across two contacts at the base of the enclosure. When the contacts are bridged by water, the resistance changes and triggers an alarm.

The **DAS-1** and **DAS-1R** are stand alone battery powered units and feature a low battery indicator. When water is detected, a 10 second audible alarm will sound, followed by a 30 second visual alarm. The DAS-1R comes with a solid state relay output.

Choose the **DAS-24R** model for applications that require relay contacts. This unit requires an external 24VAC/DCE power supply. Unit will trigger both audible and visual alarms when water is sensed.

### DAS-1 & DAS-1R BATTERY REPLACEMENT

To replace the battery, remove the two screws and lift off the cover. Remove and dispose of the old battery appropriately. Insert the new battery (#CR2450) positive side up. Replace cover and screws.

## Specifications:

<b>Switch Type:</b>	DAS-1R:	Solid state relay
	DAS-24R:	SPDT relay
<b>Electrical Rating:</b>	DAS-1R:	SPST pilot duty rating max. 250 mA @ 24 VDC
	DAS-24R:	SPDT 1 A @ 24 VAC/DC, 1 A @ 120 VAC
<b>Audible Alarm Function:</b>	DAS-1 & DAS-1R:	10 sec on, 30 sec off
<b>LED Alarm Function:</b>	DAS-1 & DAS-1R:	10 sec off, 30 sec on
<b>Power Requirements:</b>	DAS-1 & DAS-1R:	3 V lithium battery (approximately 2 years battery life)
	DAS-24R:	11-27 VAC/DC
<b>Power Consumption:</b>	DAS-1 & DAS-1R:	0.9 mA steady state non-alarm, 3.0 mA during audible alarm, 2.4 mA during LED illumination
	DAS-24R:	DC 25 mA typical and 75 mA max, AC 30 mA typical and 85 mA max
<b>Electrical Connections:</b>	DAS-1R:	attached 22 AWG, PVC insulated cable (0.8 ft long)
	DAS-24R:	attached 22 AWG, PVC insulated cable (4.8 ft long)
<b>Enclosure:</b>	acrylic, ABS plastic	
<b>Temperature Limits:</b>	32 to 122°F (0 to 50°C)	
<b>Weight:</b>	DAS-1:	2 oz
	DAS-1R:	3.5 oz
	DAS-24R:	4.3 oz
<b>Dimensions:</b>	3" L x 2" W x 1-1/4" H	

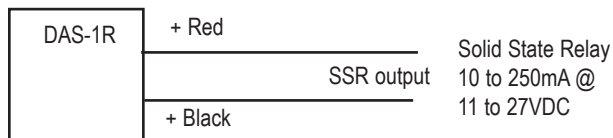
## Features:

- ◇ Visual and audible alarm
- ◇ Small, compact design
- ◇ Low battery warning on battery powered versions
- ◇ SPDT switch output on DAS-24R
- ◇ Solid state relay switch output on DAS-1R
- ◇ Compact size

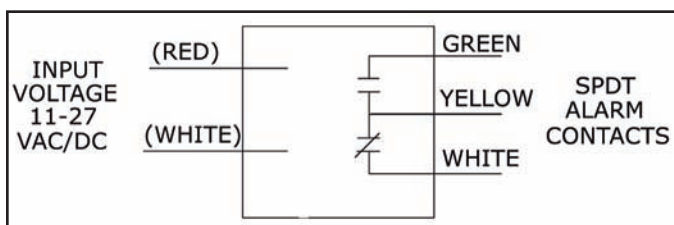
## Typical Uses:

- Dishwashers
- Sinks
- Toilets
- Washing machines
- Water heaters
- Air conditioners

## Wiring:



DAS-24R



## Ordering Information:

<b>PART NUMBER</b>	
DAS-1	..... Drip-Alert Sensor
DAS-1R	..... Drip-Alert Sensor w/ Relay
DAS-1R24	..... Drip-Alert Sensor w/ Relay, 24 VAC/DC power