

# Aquitron

# AT-SZA

Single Zone Alarm



**DATA SHEET**



**aquilar**  
leak detection solutions



# AT-SZA

## Single Zone Alarm

The AquiTron AT-SZA Single Zone Alarm is designed for use with all TraceTek sensing cables, AquiTron probes and other sensing devices to detect leaks. The AT-SZA provides both visual and audible indication when a leak or cable fault has occurred and has relay contacts to connect to other external alarm equipment, BMS and PLC's.

### SIMPLE OPERATION

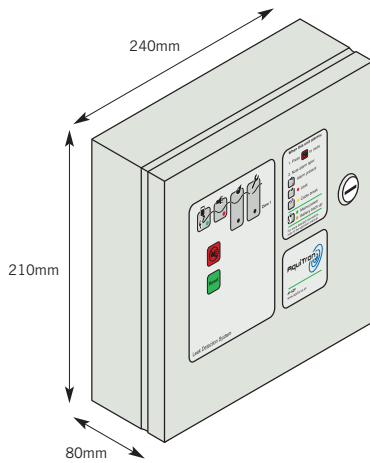
The LED's located on the front face plate indicate Power, (mains or battery back-up), Alarm, Leak alarm and Cable break. If a sensor attached to the the AT-SZA detects a leak or fault the panel will indicate this with visual and audible alarm. The operator can silence the SZA alarm by pressing the mute button on the front face plate. Once the alarm has been silenced, the red Alarm LED will stop flashing to indicate the system has been acknowledged and the appropriate Leak or Cable break LED will remain illuminated. Once the cause has been located and corrected the panel can be Reset. Pressing the Reset button also resets the volt free alarm relay contacts.

### VERSATILE DESIGN

The SZA metal enclosure can be easily mounted to a wall or other flat surface. A semi-flush mounting flange is also available. The enclosure is lockable, has an IP54 rating and a 90 decibel audible alarm. An auxiliary remote alarm (AT-RAP) can be added to the system and located in remote positions such as reception areas and security rooms. The AT-SZA unit can operate on 230/120Vac (50/60HZ) and 12Vdc. A battery enclosure unit (AT-BU) for 72-hour operation is also available.

### APPLICATIONS

The AT-SZA is ideally suited for simple integration into centralised monitoring systems for computer rooms or large facilities, as well as interfacing into control systems for air conditioning and fan coil units, pump, booster and generator sets. Typical applications include monitoring leaks that could occur around individual air-handling units, water-cooled machinery, tanks, pumps, sumps, lift pits or other locations.



## TECHNICAL INFORMATION

<b>Sensing cable compatibility</b>	All TraceTek sensing cable (TT1000, TT1100, 3000, 5000, 5001, 7000)
<b>Detection Probes</b>	Water detection probes, optical oil sensors and immersion sensors
<b>Maximum sensing circuit</b>	100 metres (328 ft) of TraceTek sensing cable
<b>Enclosure</b>	Powder coated steel, colour RAL 7032, IP54, lockable
<b>Humidity</b>	5% to 95% non-condensing
<b>Power supply</b>	230/120Vac, 50/60Hz, 12Vdc, 7 watts
<b>Relay Output</b>	3A 250Vac / 24Vdc. SPDT. Volt free relay contacts activated by leak or cable fault (NC/COM or NO/COM)
<b>Status LED</b>	Power (Mains-Green, Battery-Red), Alarm (red flashing), Leak (Red), Cable break (Yellow)

## APPROVALS

### Electromagnetic compatibility (EMC)

<b>CE</b> Compliant with standards for emissions	EN61000-6-2:1999 (Heavy industrial)
Compliant with standards for immunity	EN50081-1

## ORDERING INFORMATION

<b>Catalogue number</b>	3580 AT-SZA Single Zone Alarm
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## ANCILLARY PRODUCTS

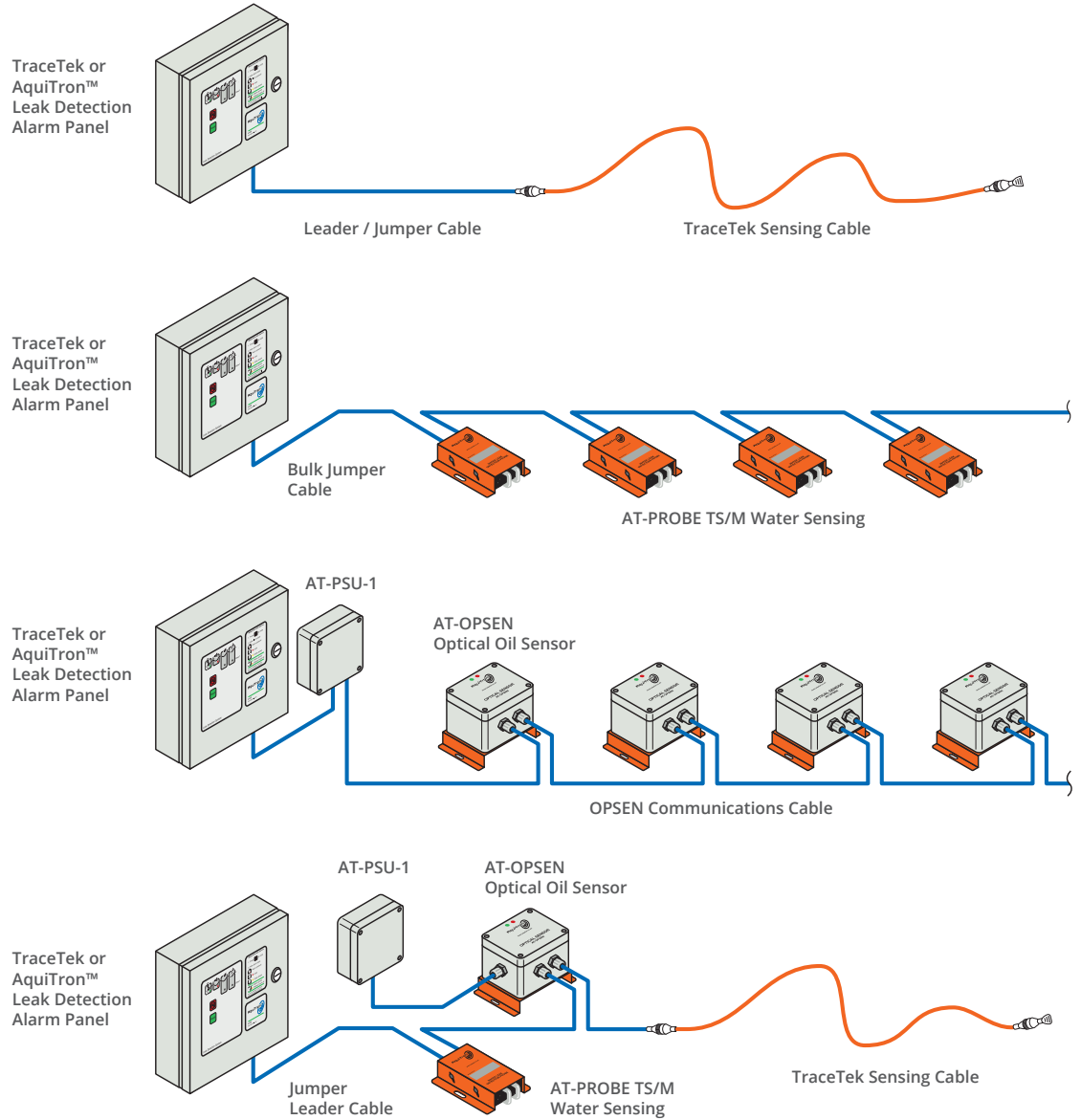
3570 AT-SZA-SFMF Semi Flush Mounting Flange

3485 AT-BU Battery Unit

2335 AT-RAP Remote alarm panel (230Vac)

3700 AT-BAT Replacement battery, 7Ah

## CONFIGURATION EXAMPLES



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