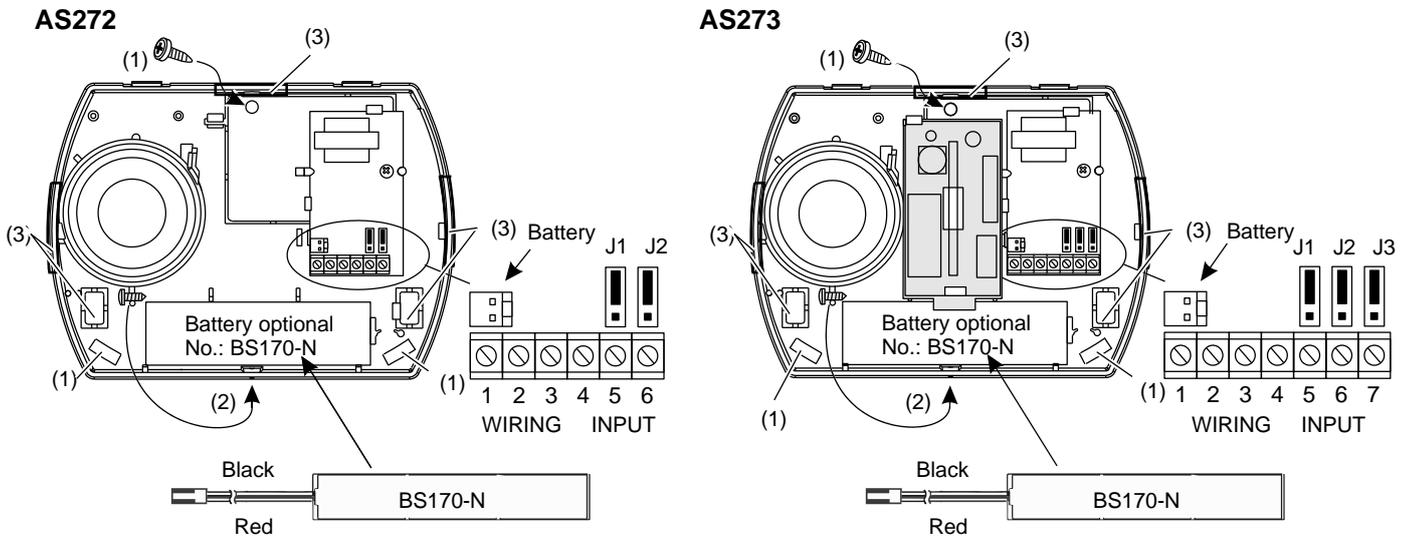


AS272/AS273 Indoor Siren Installation Sheet



EN: Installation Sheet

Description

AS272 is a two-tone self-supplied siren without flash, ideal for use as an internal alarm sounder for residential and industrial alarm applications.

AS273 is a two-tone self-supplied siren with a beacon, ideal for use as an internal alarm sounder for residential and industrial alarm applications.

Caution: Only use external current limited power supply. We recommend 5 A supply.

Figure

- (1) 3 mounting screws
- (2) Siren cover closing screw
- (3) 5 cable input options

Installation procedure

First, wire the control panel (power down) to the siren as shown, before connecting the battery. When the battery is connected for the first time, the siren will give a short beep instead of a fully sounding alarm.

It is impossible to further activate the siren before the correct jumper settings have been made and all input voltages (power supply voltage and hold-off voltage) are correct.

In order to work properly, the siren needs to be provided with a constantly present power supply to terminals 3 and 4.

The siren, the buzzer or the flashing light (AS273 only) will be activated when the hold-off current at the input is removed.

The siren will also be activated if the external power supply is decreased considerably.

If one of the siren inputs (siren or buzzer) is activated, the other one will be blocked. Before the other input can be activated, the input first activated should be switched off. *This does not apply to the flashing light input (AS273) that is independent from both other inputs.*

The time the siren will sound is fixed at maximum 20 minutes.

Connections

- | | |
|-------------------------|------------------------------------|
| 1, 2: Tamper | 5: Siren hold-off |
| 3: +12 V $\overline{=}$ | 6: Buzzer hold-off |
| 4: 0 V | 7: Control flashlight (AS273 only) |

WARNING: The beacon uses high voltage. To avoid personal injury or death from electrocution, do not touch bare wires and beacon electronics before the energy discharges.

Jumpers

- J1: Siren
- J2: Buzzer
- J3: Beacon (AS273 only)

Jumper settings

Position	Input level		
	0 V	12 V	Floating
1.		Input disabled	Input disabled
2.		Not active	Active

Position	Input level		
	0 V	12 V	Floating
3. 	Active	Not active	Active

Specifications

	Using without battery	Using with battery
Supply (limited current)	10 to 14.2 V $\overline{=}$ max. 5 A	12.8 to 14.2 V $\overline{=}$ max. 5 A
Current consumption:	120 mA at 12 V $\overline{=}$ (typical), 20 mA (idle)	
Siren/buzzer active	230 mA at 12 V $\overline{=}$ (typical)	
Siren/buzzer + beacon active	80 mA, 30 V	
Tamper output	101 dB at 1 m (typical)	
Sound output:	100 dB at 1 m (typical)	
Siren	2.2 to 2.8 kHz (typical)	
Buzzer	2 kHz	
Frequency:	-25 to +55°C	
Siren	EN 50131:	
Buzzer	-10 to +55°C	
Operating temperature	0 to +45°C	
Relative humidity	EN 50131: 93% max.	
Dimensions	155 × 114 × 44 mm	
IP rating (with sealed cable entry)	IP30 IK02	
Recommender battery	BS170-N: 9 V, 1700 mAh Lithium Unchargeable	
Beacon (AS273 only)		
Light output	100 000 peak lumens	
Flash frequency	1 Hz	
Spike suppression network	Standard fitted	
IP rating (with sealed cable entry)	IP30 IP02	

Battery replacement or removal



Caution: Batteries can explode or cause burns when incorrectly (dis)assembled or exposed to fire or high temperatures.

Dispose of used battery according to battery directive instructions and/or as required by local laws. Keep away from children.

To replace batteries, disconnect the battery from the siren. Only replace the battery with the recommended battery. Do not use a different type of batteries. Use of any other batteries may present a risk of fire or explosion.

Regulatory information

Manufacturer	PLACED ON THE MARKET BY: Carrier Fire & Security Americas Corporation, Inc. 13995 Pasteur Blvd Palm Beach Gardens, FL 33418, USA AUTHORIZED EU REPRESENTATIVE: Carrier Fire & Security B.V. Kelvinstraat 7, 6003 DH Weert, Netherlands
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Product warnings and disclaimers



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For more information on warranty disclaimers and product safety information, please check <https://firesecurityproducts.com/policy/product-warning/> or scan the QR code.

Certification



EN 50131-4, Security Grade 2, Environmental class II (Pry-off tamper is not certified for an EN 50131 Security Grade 2 applications.)
Tested and certified by Applica Test & Certification.

AS272 and AS273 are certified for EN 50131-4 and INCERT T031: Certified only if used without battery.

REACH

Product may contain substances that are also Candidate List substances in a concentration above 0.1% w/w, per the most recently published Candidate List found at ECHA Web site.

Safe use information can be found at <https://firesecurityproducts.com/en/content/intrusion-intro>



2012/19/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: recyclethis.info



This product may contain a battery that cannot be disposed of as unsorted municipal waste in the European Union. See the product documentation for specific battery information. The battery is marked with this symbol, which may include lettering to indicate cadmium (Cd), lead (Pb), or mercury (Hg). For proper recycling return the battery to your supplier or to a designated collection point. For more information see recyclethis.info

Product documentation

Please consult the following web link to retrieve the electronic version of the product documentation.



This link will guide you to the EMEA regional contact page. On this page you can request your login to the secured web portal where all manuals are stored.

<https://firesecurityproducts.com/en/contact>

Contact information

www.firesecurityproducts.com or www.aritech.com.