

Technical specification

ATU 001



Engineered for life

Data

Product

The battery operated alarm unit, ATU 001 emits an audible alarm when an external contact is closed, for instance when a high level sensor is triggered. When connected to the alarm output of a FGC unit, power failures in the pump or pump controller are detected.

ATU 001 is suitable as an accessory for the FGC series of pump controllers and is typically powered from the controller to conserve battery power. An external power source can be employed when the unit is mounted in a location away from the pump controller.

ATU 001 is powered by 3x LR6 AA alkaline batteries and/or 12–24 V DC.

Denomination

40 501537

ATU 001

Features

- Audible buzzer-alarm
- Off button for stopping buzzer
- Alarm LED
- Can be supplied by both batteries and/or 12–24 VDC
- Long battery life on stand-by
- Battery test button
- Battery test LED
- Type of in-signal: Voltage free contact

Function

When the external contact closes, an audible alarm is emitted and the red Alarm-LED lights up.

When the RESET button is pressed, the buzzer sound stops.

When the alarm condition is removed, i.e. when the external contact is again opened, the red Alarm-LED goes out.

Power Supply

Supply Voltage	12–24 V DC
and/or	
Backup: 3x 1.5 V alkaline LR6 AA	4.5 V
(Batteries are included at delivery)	

Connectors

Push-In type	0.14–1.5 mm ²
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Environment

Operational temperature	-20° C to +50° C
RoHS compliant	

Cabinet

Size (l x w x h)	100x100x60 mm
Weight (without batteries)	200 g
Mounting	Wall

Material

Enclosure	ABS V-0, IP 54
Overlay	Polyester

Approvals / standards

CE

EMC emission standard	EN 61 000-6-3:2001
EMC immunity standard	EN 61 000-6-2:1999
LVD electrical safety	IEC/EN 61 010-1:2001

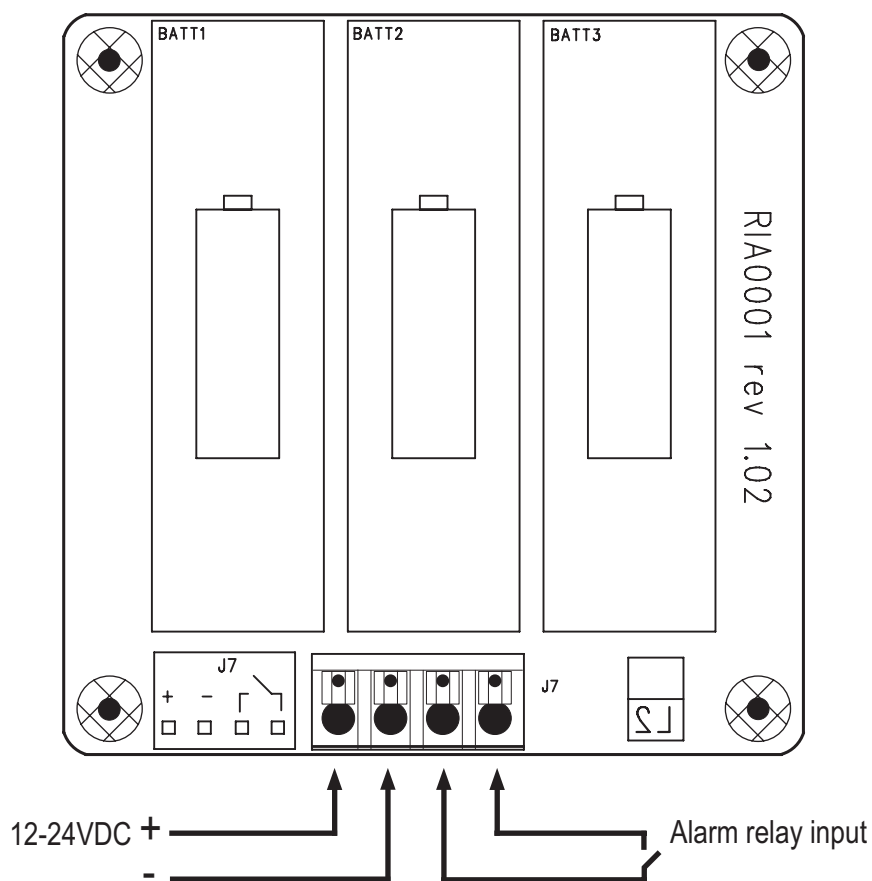
Battery life

Battery life depends on the type and quality of the batteries as well as the total time the unit is emitting alarms. With fresh batteries installed, approximately 4 days of continuous audible alarm can be expected, though the unit will still emit a silent alarm even after the buzzer stops.

The unit has a TEST button with a corresponding green LED for testing the battery condition. Batteries should be replaced when the TEST button is pressed and the green LED does not light up, or else once a year.

Drawing and Connections

ATU 001, lid removed





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