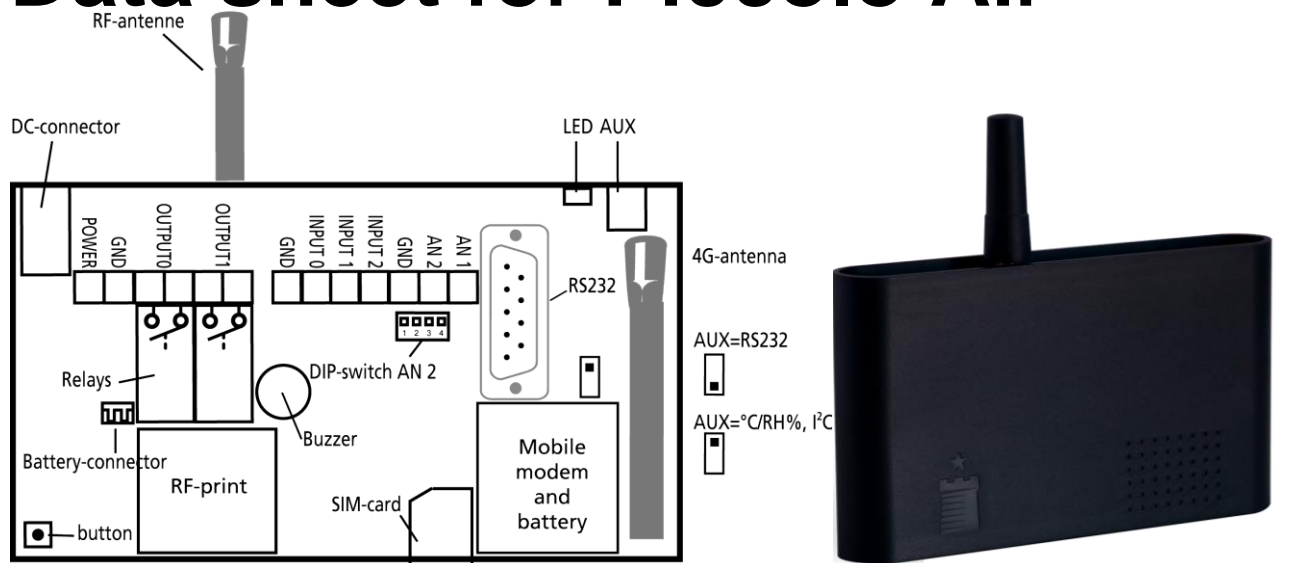


Data sheet for Piccolo Air



DESCRIPTION

The mobile unit is adapted to remote controlled management, measurement and transmitting of technical alarms via the mobile network (2G, 3G and 4G). Specially developed design box for mounting on a wall. Is able to collect signals from wireless detectors. Can activate external units such as light and siren through activation of the relay. Management happens automatically through reception of alarm or through text message, call, smartphone app or the Profort web site Internet www.masterview.dk. Transmit alarm as text message, e-mail or tone call by influence of alarm input. Is able to measure e.g. external temperature, pressure and humidity with analogous measurement equipment, log the measurements, notify in case of voltage failure and when the voltage returns.

The unit has a built-in wireless 868 MHz module for reception of wireless alarms and measure results. When mounting the included li-ion battery, the unit is fully functional for 2 days without external power supply.

Especially suitable for:

- Alarming from wireless detectors
- Activation of sirens and light
- Frost and burglary alarm
- Management via the Profort web-portal and app for smartphone
- Collection of climate measurements
- Alarm as text message, e-mails and tones for 25 receivers

SPECIFICATIONS

Relay output	2	Max load: 6A at 230VAC/35VDC
Digital inputs	3	
Digital input high		Interrupted or min 3VDC – max 12VDC
Digital input low		Max 1V, 2mA
Galvanic separation		No
Input 0		Alarm, dis-/connection (pulse is default or as level from bypass switch)
Input 1		Alarm or pulse/minute counter (max 10 Hz, 6 digits)
Input 2		Alarm or pulse counter (max 10 Hz, 6 digits)
Analogue input	2	
Input 1		Profort temperature sensor PTC or as digital input
Input 2		0-10V, 0/4-20 mA, PT100, Profort temperature sensor PTC or as digital input
868 MHz module		Receives signals from 60 detectors

Supply	12VDC-24VDC, ±10% min. 0,5 A
Power supply, included	Yes, 12V
Battery	Int. rechargeable li-ion (incl.), ext. battery package (acquisition)
DC output	12VDC-24VDC, max 100mA

Dimensions

Design	Design box, RAL9002
Size	130x80x25mm
Weight	125g

Power consumption, typically

– rest	40 mA
– charging with battery	150 mA
– emergency	18 mA, with battery
– standby	17 mA, with battery

Antenna

Internal	2. One for 868 MHz and one for the 2G, 3G and 4G mobile net
External	Mounting possible via SMA plug

Temperature

Operation	÷20-55 °C
Stock	÷30-65 °C

Other connections

RS232 for connecting to PC or PLC
 Plug for battery
 Holder for micro SIM card
 AUX (mini-USB) for e.g. probe with temperature/humidity sensor

FUNCTIONS**Alarm receivers**

Number: 25 (up to 8 zones/areas)
 Text message
 E-mail (depending on operator)
 Call with tones
 Via the Internet and SIA-IP protocol
 Set-up for only approved users
 Alarm to latest user
 Easy change of receiver order
 Acknowledgement for alarm reception when calling with tones

Log

Analogue log, measure every ½ hour	24.576 (max. 32 measuring points)
Event log, alarm and set-up	256

Programming

PC Program	Quick set-up connected via RS232 or mobile data
Text message	Send text from mobile telephone
Profort web-portal	via www.multiguard.dk

Other functions

Macros for commands	20
Calendar	36 activities (every weekday, specific date)
Delayed connection	30 sec. connection/disconnection in monitored zone
Filter time on inputs	10 sec. – 64 hours
Alarm only every 15 min.	Used with e.g. PIR movement sensor
Power alarm	Never, immediately or after 30 min.