

Description

VentilationAlarm EP2 / ES 1162 is a universal alarm with sound and light signal.

EP2 has a connection for backup battery, input for 0-10V signal and temperature measurement, relay output and pressure sensor for control of ventilation system, local extraction etc. The EP2 is equipped with a green operation LED, red alarm LEDs and a mute button. (Muting the sound does not affect the visual alarm).

EP2 can function as:

- Pressure monitor (monitored via the built-in pressure sensor).
- Signal guard (0-10V signal from an external sensor, e.g. flow or humidity sensor).
- Temperature monitor (External NTC sensor is connected).

EP2 is also equipped with a relay output which can e.g. drive a secondary alarm lamp.



WARNING

 Contact hazard. Take care of live parts (230V AC) in the device during installation and setting.

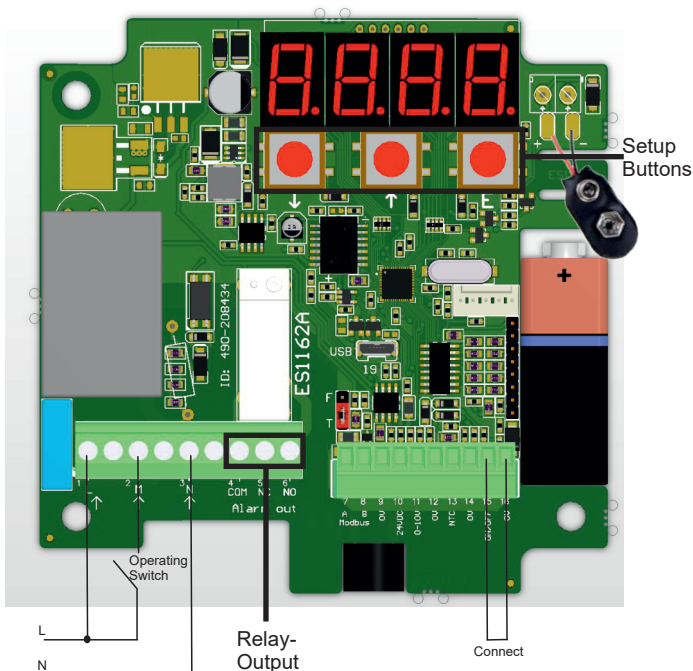
 ESD-Sensitive when the lid is removed. Make sure to be ESD discharged before installation.

Mounting

Must be mounted on a vertical, fixed and non-vibrating surface in a non-condensing environment. Do not place in direct sunlight.

Note: VentilationAlarm EP2 is IP53.

Terminal Connections



Setting Up for Pressure Monitoring

1. Connect supply voltage, operating signal, backup battery, pressure hose from duct and any external equipment for relay.
2. Start exhaustion on lowest level, where alarm is not required.
3. Activate the setup display by pressing either setup button \uparrow or \downarrow .
4. Press \uparrow or \downarrow until 'd..2' is displayed - wait a moment, then actual measured pressure is displayed in Pa.
5. Press 'E' to get to the setpoint menu points.
6. Press \uparrow or \downarrow until 'S..1' is displayed - press 'E' to set or alter the setpoint.
7. Press \uparrow and \downarrow until required setpoint is displayed. Press 'E' to save.
8. Navigate to menu point 'S..3' by pressing \uparrow . When 'S..3' is displayed press 'E'.
9. By pressing \uparrow and \downarrow set number of seconds pressure must be lower than alarm limit before alarm is activated. Save setting by pressing 'E'.
10. Navigate to menu point 'S..4' by pressing \uparrow . when 'S..4' is displayed press 'E'.
11. By pressing \uparrow and \downarrow set pressure hysteresis that is the number of Pa the pressure must have increased over alarm limit before alarm deactivates. Save setting by pressing 'E'.
12. VentilationAlarm EP2 is then set to monitor the chosen pressure and to alarm if measured pressure falls below the alarm limit.

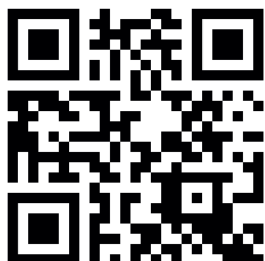
Additional Functionalities etc..

To learn about additional possibilities, error and warning descriptions, ModBus connection, alarm signals etc. please refer to the complete manual which is found on our website or by scanning the QR-code in lower left corner on this product sheet or directly on the product.

Technical Specifications

Supply Voltage:	100 - 240V AC
Enclosure:	IP53
Dimensions (HxWxD):	122x120x55mm
Humidity:	0-80%RH non-condensing
Operating Temperature:	0°C til +50°C non-condensing
Battery backup:	9V 6LR61 (last up to 48hours operation)
Relay:	8A AC1
Voltage Output:	24V DC max. 50mA
Measurement Area Pressure:	9-2500Pa
Sensor Connection:	0-10V signal or NTC 10K / 22K
Sound Level:	>85 dBA @ 10cm

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 Rev.: 1.1
 Manufacturer: **LS Control A/S**, Industrivej 12, DK-4160 Herlufmagle



QR-code for
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