SIGUR

PRODUCT DATA SHEET
SIGUR E2/E4
CONTROLLERS

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1. OVERVIEW AND TECHNICAL SPECIFICATIONS

Controllers E2 and E4 are designed to operate as part of the Sigur access control system and perform standard operations of controlling and managing access by operating different types of access points (doors, gates, turnstiles, boom barriers, interlocking doors, etc.).

The controller is designed for indoor installations and can be operated 24/7. The controller must not be used in harsh, dusty or explosive environments.

The controllers have a plastic case designed for DIN rail mounting.

Model	E2	E4
Device Control	Up to 2 access points, depending on the configuration and availability of terminals	Up to 4 access points, depending on the configuration and availability of terminals
Max. No. of autonomously stored cards*	90 000	
Max. No. of autonomously stored events*	400 000	
Max. No. of autonomously stored time zones*	30 000	
Network interface	Ethernet	
Supported protocols	DHCP, DTLS, SNMP v3, SNMP Trap v2.	
Supported reader communication protocols	• Wiegand-26, 34, 36, 37, 42, 56, 58; • Wiegand-4, 6, 8; • OSDP v.2.2 (RS-485); • Clock & Data (Omron 5 bit, Magstripe Track II).	
Max. number of connected readers	2 Wiegand 4 OSDP	4 Wiegand 8 OSDP
No. of relay outputs	2 pcs.	4 pcs.

Model	E2	E4
No. of open collector outputs	7 pcs.	14 pcs.
No. of signal inputs	5 pcs.	10 pcs.
Supply voltage	10–15 V	
Current, max.	250 mA	300 mA
Power consumption, max.	3.75 W	4.5 W
Operating temperature	–40 °C to +50 °C	
Relative humidity	Max. 85% at 30 °C	
Ingress protection rating	IP20	
Case material	ABS plastic	
Installation	TH35 DIN rail	
Dimensions	108x90x60	215x90x60 mm
Net mass, no more	0.3 kg	0.5 kg
Gross mass, no more	0.5 kg	0.7 kg

*Offline memory is allocated between data types automatically.

2. LIST OF EQUIPMENT

№	Description / Quantity	E2	E4
1.	Controller	1 pc.	1 pc.
2.	Product data sheet or warranty card	1 pc.	1 pc.
3.	IP reset key	1 pc.	1 pc.
4.	Cable to connect to the TAMPER port*	1 pc.	1 pc.
5.	Cable to connect to the PWR STATUS port*	1 pc.	1 pc.
6.	Label sticker set**	1 set	1 set

*May vary depending on the batch. Supplied upon request.

**May not be included in the delivery set.

3. MAINTENANCE

The controller should be serviced once a year. This includes checking the tightness of the terminal contacts and cleaning the controller contacts to remove dust and dirt.

4. STORAGE

The devices must be stored on racks in storage facilities.

The product in the manufacturer's packaging may be stored in an enclosed room with natural ventilation at an ambient temperature of –10 to +40 °C and a relative humidity of no more than 75% at +25 °C. The air in the room must be free of dust, acid and alkali vapors, as well as corrosive gases.

The unpackaged product may be stored in an enclosed, ventilated room at an ambient temperature of –40 to +50 °C and a relative humidity of no more than 80% at +25 °C.

5. WARRANTY

The manufacturer guarantees compliance of the product with the manual and other product documentation provided the user follows all handling, storage, installation and operating instructions.

The service life of the controller is 10 years. The warranty period is up to 5 years. Detailed terms of warranty service are posted on the website.

The warranty is not applicable in the following cases:

- the warranty period of the product has expired;
- the label with the serial number on the product is missing, damaged or illegible;
- the product has been damaged due to the failure to follow the storage, handling, installation, connection or operating instructions;
- the product has been damaged due to natural disasters, such as fire, flood, lightning;
- the product has signs of unqualified repair or tampering with the installed software or firmware;
- the product has signs of mechanical damage, burnt or missing components, damaged or burnt tracks on the printed circuit boards. The equipment has signs of exposure to high temperatures, rusting, ingress of foreign objects, substances, liquids or insects inside the equipment.

During the warranty period, any defects or malfunctioning not attributable to the user will be rectified free of charge by the manufacturer.

You can leave a request for maintenance or repair of equipment on our website by scanning the QR code and following the instructions «How to return your equipment for repair». It is also possible after the warranty period has expired.

6. CERTIFICATION

Sigur controllers comply with the following standards and other normative documents in full to show conformity to the European Directives:

Product Specification	Standards Applied in Full
LVD	EN IEC 62368-1:2020+A11:2020
EMC	EN IEC 61000-6-4:2019 EN IEC 61000-6-2:2019
RoHS 2	EN IEC 63000:2018

7. INSPECTION AND ACCEPTANCE

8. SALES INFORMATION

Company:

Contact details:

Date of sale:

To be completed
by the seller or distributor.

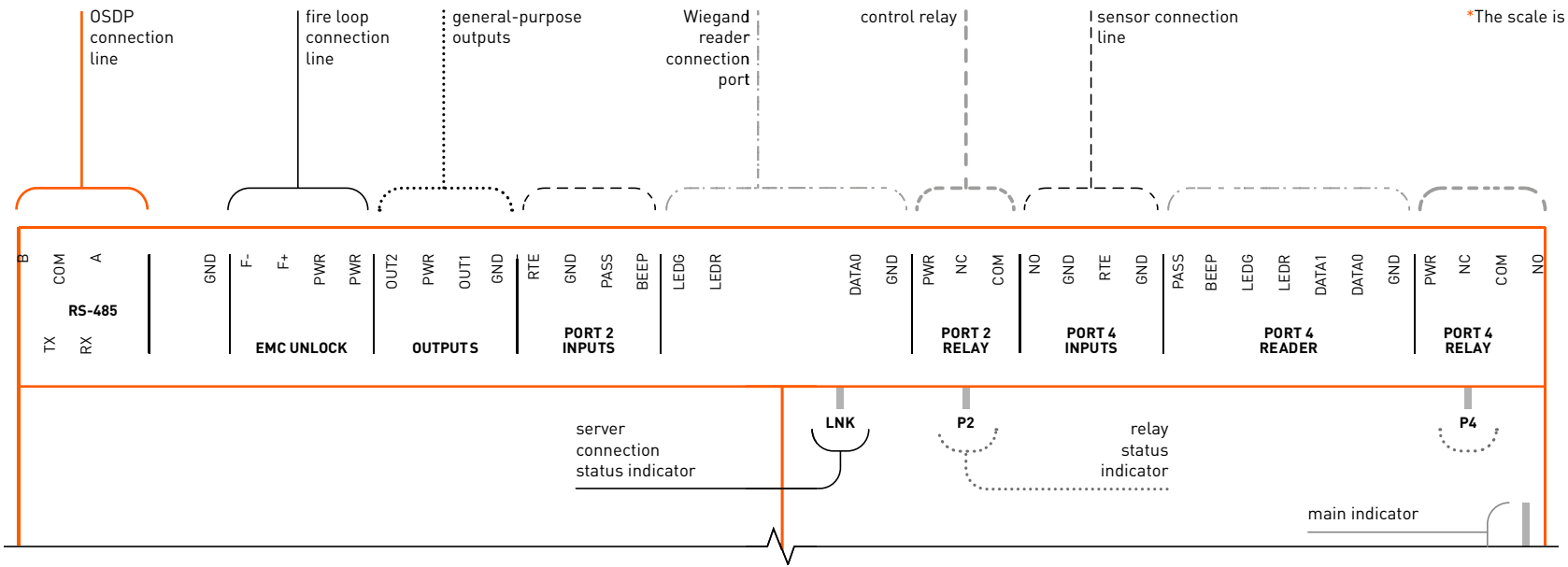
9. MANUFACTURER INFORMATION

Manufacturer details are provided on the product packaging and the warranty card.

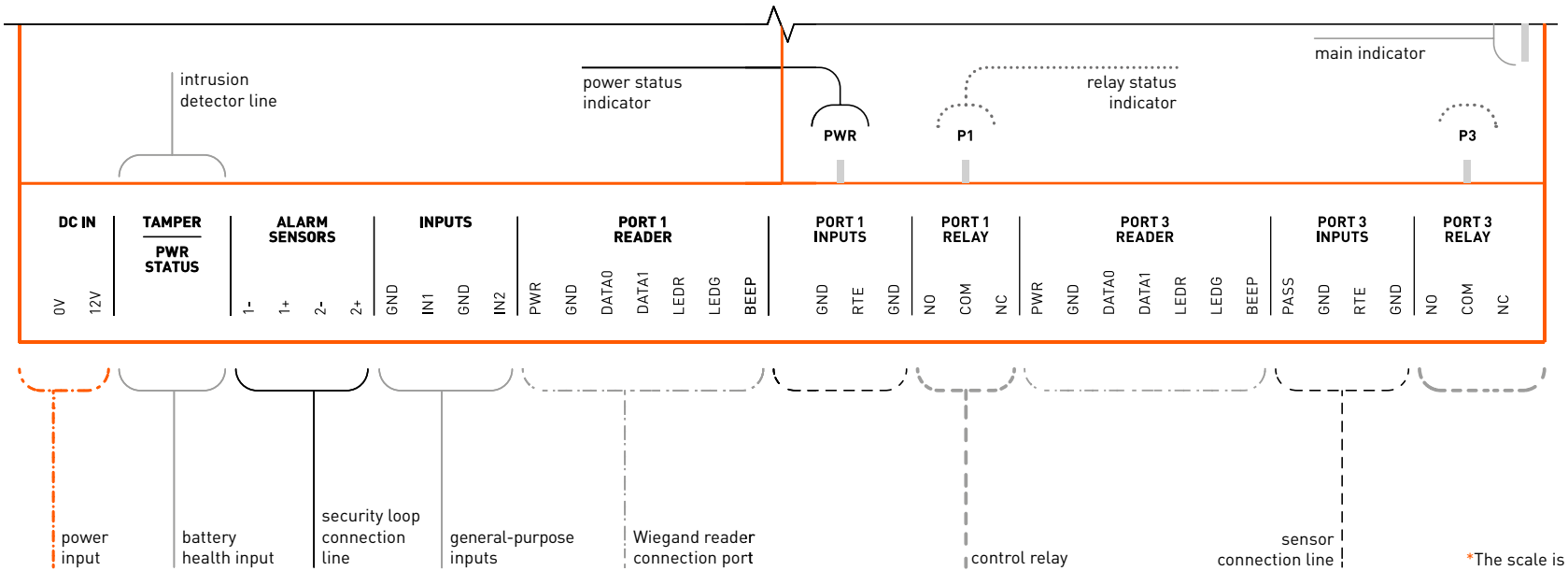
E-mail: info@sigur.com
Web: www.sigur.com

For information on controller configuration, please refer to the Sigur E2/E4 Specifications and User Guide.

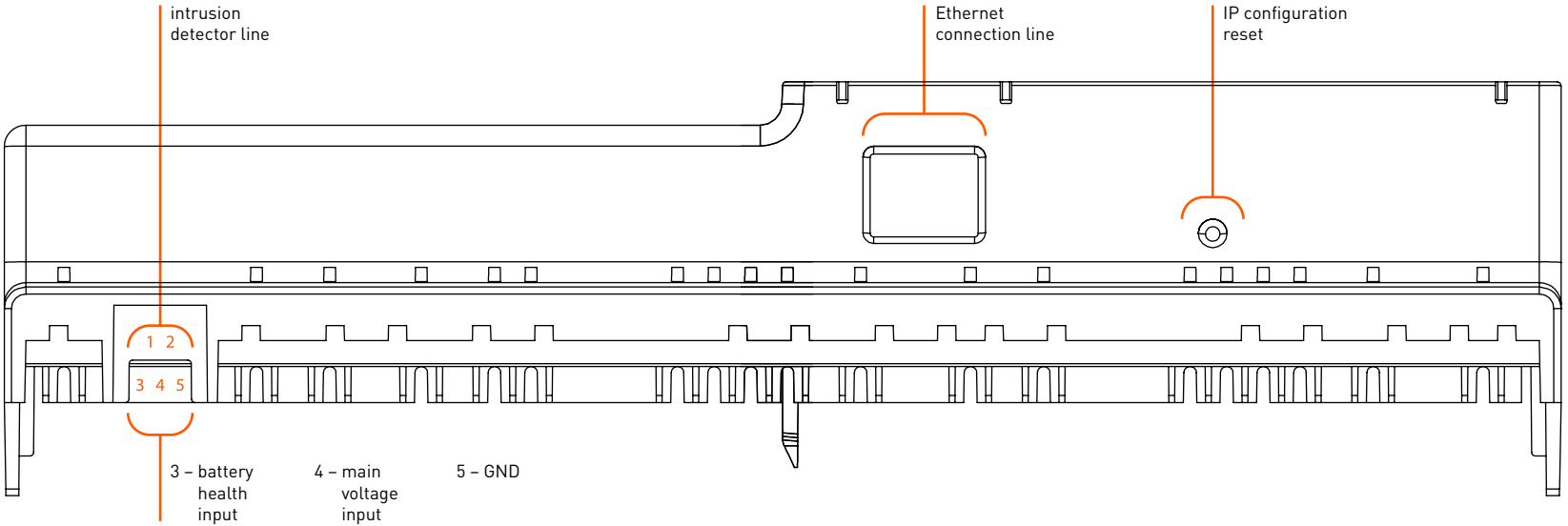
10. CONTROLLER TOP VIEW



10. CONTROLLER TOP VIEW



11. CONTROLLER SIDE VIEW



*The scale is 1:1

SIGUR ACCESS MANAGEMENT

www.sigur.com