

| SIGUR |

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PRODUCT DATA SHEET
SIGUR E2/E4
CONTROLLERS

Edit 2025/21/07
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1.

OVERVIEW AND TECHNICAL SPECIFICATIONS

Controllers E2 and E4 are designed to operate as part of Sigur access control system and perform standard operations of controlling and managing access by operation different types of doors and barriers (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.

A unique feature of the controllers is that they are housed in a plastic case designed for DIN rail mounting.

Model	E2 Lite (E2 Pro)	E4 Lite (E4 Pro)
Networking interface	Ethernet (Ethernet 2 pcs.)	
Dimensions	108×90×60 mm	215×90×60 mm
Mounting	DIN-rail TH35	
Supply voltage	10...15 V	
Current, max.	250 mA	300 mA
Wattage, max.	3,75 W	4,5 W
Dust and water pro. class	IP20	

Operating temperature	-40...+50 °C	
Max. No. of autonomously stored cards	5 000 (350 000)	
No. of autonomously stored events	100 000 (400 000)	
No. of autonomously time zones	30 000 (450 000)	
Interfaces	RS-485 (OSDP), Wiegand-26, 34, 36, 37, 42, 58, Clock & Data (Omron 5 bit, Magstripe Track II)	
No. of readers per controller	2 Wiegand 4 OSDP	4 Wiegand 8 OSDP
No. of relay outputs	2	4
No. of open collector outputs	7	14
No. of signal inputs	5	10
Precious metals	Does not require accounting during storage, write-off and disposal	
Net mass, no more	0,3 kg	0,5 kg
Gross mass, no more	0,5 kg	0,8 kg

2.

LIST OF EQUIPMENT

Nº	Description / Quantity	E2 Lite (E2 Pro)	E4 Lite (E4 Pro)
1.	Controller in plastic housing	1	1
2.	Parameters reset tool	1	1
3.	Varistor*	2	4
4.	Resistor 4,7 kOm*	1	2
5.	Product Data Sheet or Warranty Card	1	1
6.	Cable for connection to the TAMPER connector*	1	1
7.	Cable for connection to the PWR STATUS connector*	1	1

* The items may change depending on the delivery; equipment on request.

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.

The manufacturer guarantees compliance of the product with the manual and other product documentation provide 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 disaster, such as fire, flood, lightning;
- the product has signs of nonqualified repair or meddling 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.

5.

STORAGE

Devices must be stored in warehouses on racks.

Heated and ventilated warehouses, airconditioned storage facilities at ambient temperatures from -10°C to +40°C. With a relative humidity of no more than 75% at +25°C. The air must be in absence of acids, alkali and over gases cause corrosion.

The product without packaging can be stored in a closed, ventilated storage at ambient temperatures from -40°C to +50°C, with a relative humidity of no more than 80% at +25°C.

6.

MANUFACTURER INFORMATION

Manufactures by:
LLC Promavtomatika - KD
Address: 603028, Russia,
Nizhny Novgorod,
Moskovskoye Shosse 52e/1

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

For information about controller configuration please refer to the «Description and Operation Manual of Sigur E2/E4».

7.

CERTIFICATION

Sigur controllers comply with 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
RoHS2	EN 50581:2012

8.

INSPECTION AND COMMISSIONING



9.

SALES INFORMATION

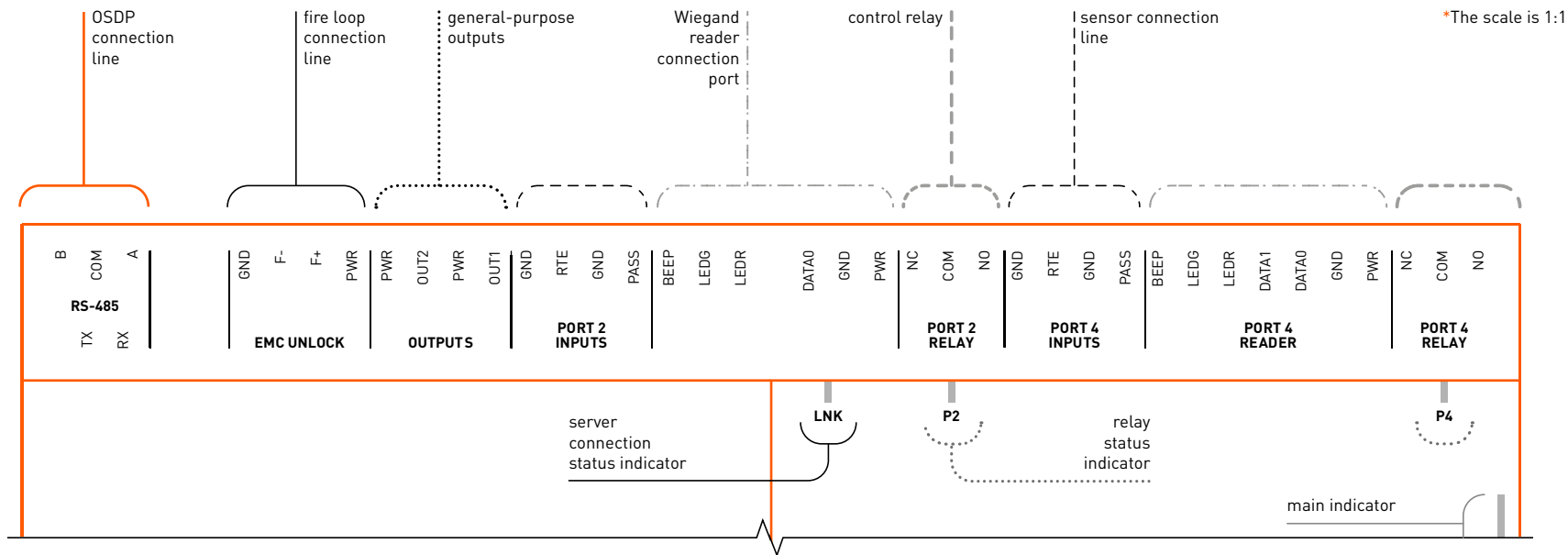
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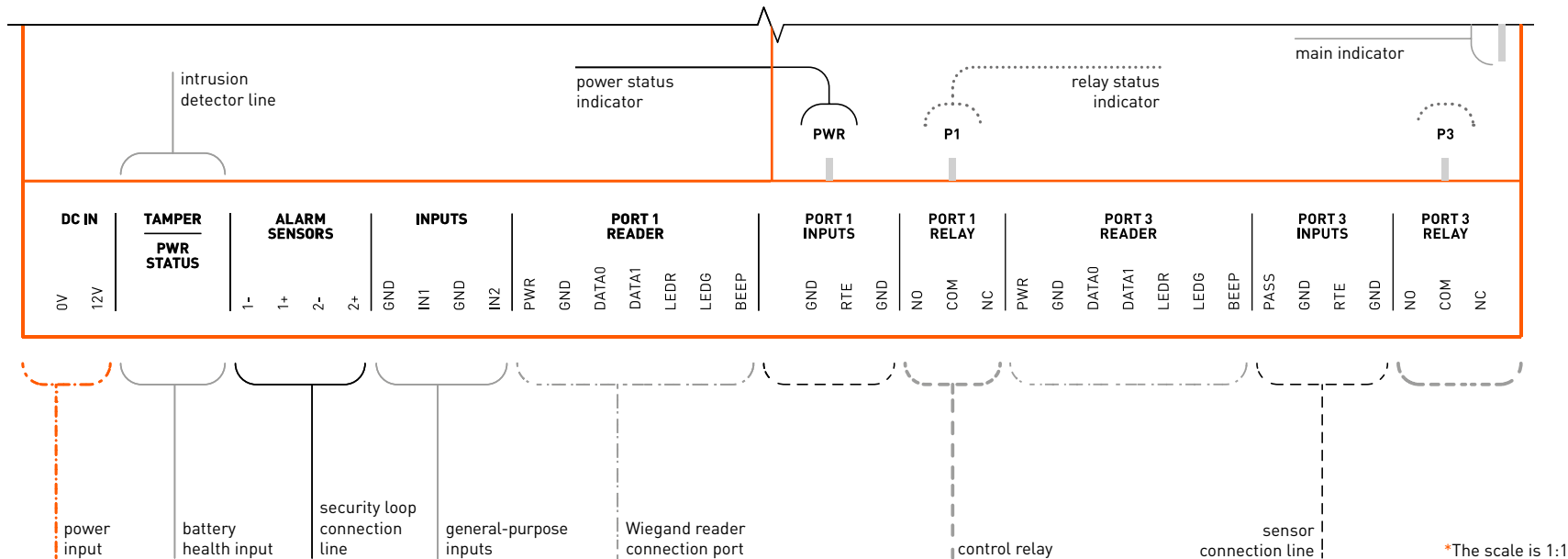
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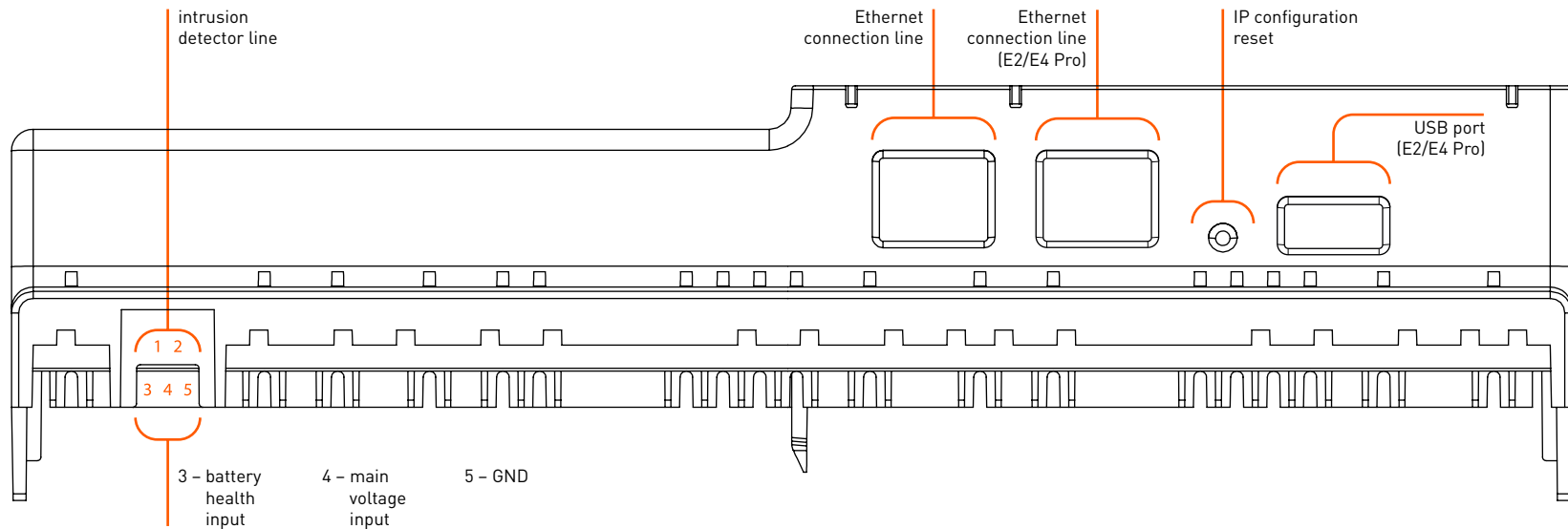
Date of sale:

To be filled in by
the seller or distributor.









*The scale is 1:1



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