

EntriWorX Unit 92 40

Control unit and interface



EntriWorX Unit 92 40 benefits at a glance

The **EntriWorX Unit** reduces the complexity of door systems in general and of the fitting process in particular:

The necessary wiring is reduced to a minimum.

A large portion of the commissioning effort is simply no longer necessary thanks to the transfer of preconfigured door solution parameters from the cloud.

The individual components communicate with one another without any detours.

Different transfer protocols are no longer required.

All components can be integrated via CAN bus and RS-485 bus. Complex wiring of individual components is no longer necessary.

Installation time is significantly reduced.

The requirements profile for door systems is now more elaborate than ever before.

Doors that are also used as escape routes, for example, are subject to complex requirements. The door solution must open reliably in emergency situations and close securely in day-to-day operation. In addition, the door must be open to everyone at certain times.

Once all components are installed and the few wires are laid, the functionalities of the **EntriWorX Unit** are activated using the **EntriWorX Setup App** and easily and conveniently controlled via touchscreen on a smartphone or tablet.

Malfunctions occurring during the door fitting process are recognized immediately and can be fixed quickly.

The **EntriWorX Unit** acts as both the control unit on the door itself and the interface to master systems, such as **EntriWorX Insights**.

Therefore, the **EntriWorX Unit** also allows access to operational and performance data of the connected doors. Facility management can use these data-driven insights to react quickly and effectively to any unforeseeable events and plan status-based maintenance proactively.



Easy installation, quicker completion – with the EntriWorX Unit 92 40

Technical data

Power supply

Power is supplied via Power over Ethernet (PoE).

Supported PoE standards:

- PoE, in accordance with IEEE802.3af/IEEE802.3at, Type 1, Class 0
- PoE+, in accordance with IEEE802.3at, Type 2, Class 4

Interfaces

- Ethernet: 10/100 Mbit/s
- RS-485
- CAN
- ANT A / ANT B

Output voltages

Available power:

The power available at the output voltages depends on the supply voltage. The total connected power must not exceed the available power.

	V DC	PoE 5.0 W	PoE+ 15.0 W
Output OUT1	12 V DC	Max. 5.0 W	Max. 15.0 W
	24 V DC	Max. 5.0 W	Max. 12.0 W
RS-232 interface	5 V DC	Max. 2.5 W	Max. 2.5 W
RS-485 interface	12 V DC	Max. 5.0 W	Max. 6.0 W
CAN interface	24 V DC	Max. 5.0 W	Max. 5.0 W

Inputs (IN1–IN4)

- For connecting potential-free contacts
- Integrated voltage supply: 5 V DC
- Optional circuit monitoring

Outputs (OUT1–OUT3)

- 3 change-over contacts
- Contact rating: 30 V AC/DC; max. 2 A

Frequency bands and transmission capacity

- RFID: 13.56 MHz, max. 345 mW
- Bluetooth: max. 2.5 mW

Ambient conditions

- Protection category as per IEC 60529: IP40
- Relative humidity: 5–85%, non-condensing
- Ambient temperature:
 - – 0 °C to +50 °C (in use)
 - – –20 °C to +65 °C (in storage)

Dimensions/weight

- Length: 208 mm
- Width: 208 mm
- Depth: 48 mm
- Weight: approx. 0.6 kg

Conformity

- This product complies with the provisions of the following EU Directives:
 - 2011/65/EU – Restriction of Hazardous Substances (RoHS)
 - 2014/53/EU – Radio Equipment Directive (RED) UL/CSA

This product conforms to the following standards:

- UL 294:2013
- UL 62368-1:2014
- CAN/CSA-22.2 No. 62368-1:2014 FCC

Curious?
We'll be glad to advise you.

Technical Competence Center

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