

RP-X



ACTUATECH S.p.A.
Villa Carcina
Brescia ITALY

Code:

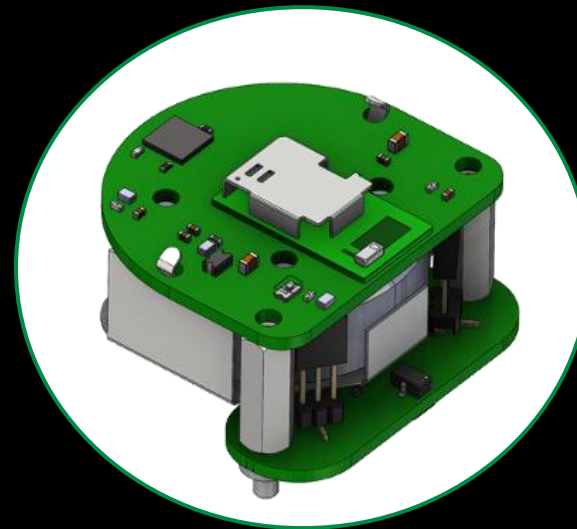
P_{nom} = 5,5 bar
80 PSI

P_{max} = 8 bar
116 PSI

T_{min} = -20°C
-4°F

T_{max} = +80°C
+176°F

RP-X is the first pneumatic actuator with
INTEGRATED data-tracking unit and **WIRELESS** transmission



With RP-X the electronic unit is assembled **IN** the actuator cylinder, allowing the whole functionality in a minimum space

AN INNOVATIVE INTEGRATION BETWEEN MECHANICAL DEVICES AND DATA INTELLIGENCE

The electronics unit of the RP-X collects key actuator information and transmits it to the user for process monitoring.



No need for external wiring,
wireless unit



High-durability battery-powered
up to 5 years



Easy and fast set-up

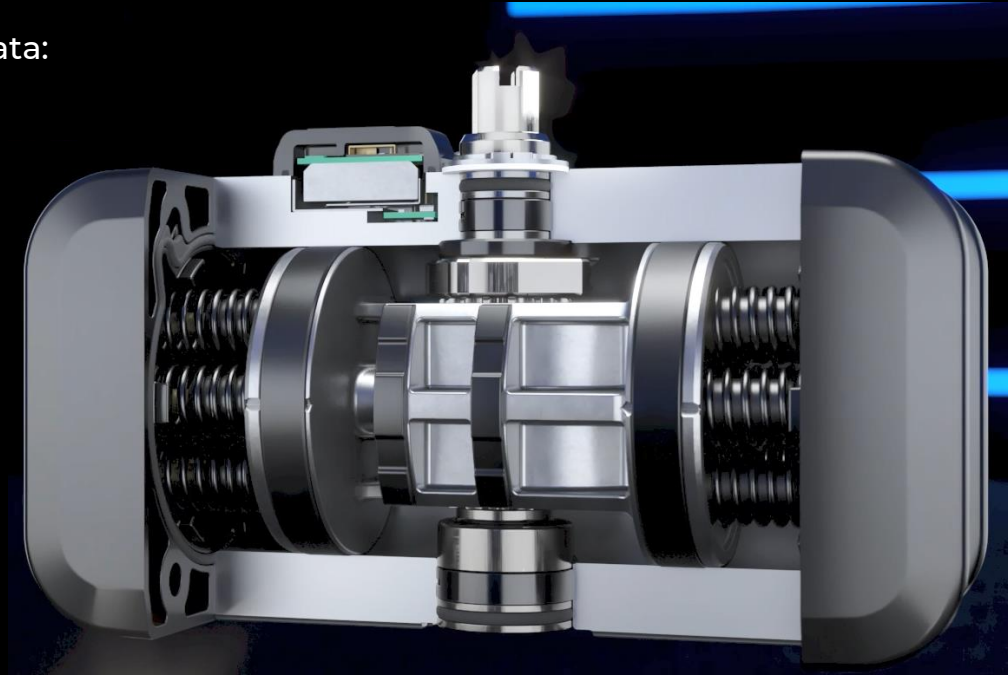


RP-X

THE ELECTRONIC UNIT

The electronic unit is able to record the following data:

- Temperature
- Rotation angle
- Opening / Closing time
- Number of cycles
- Total duration in open and in close position



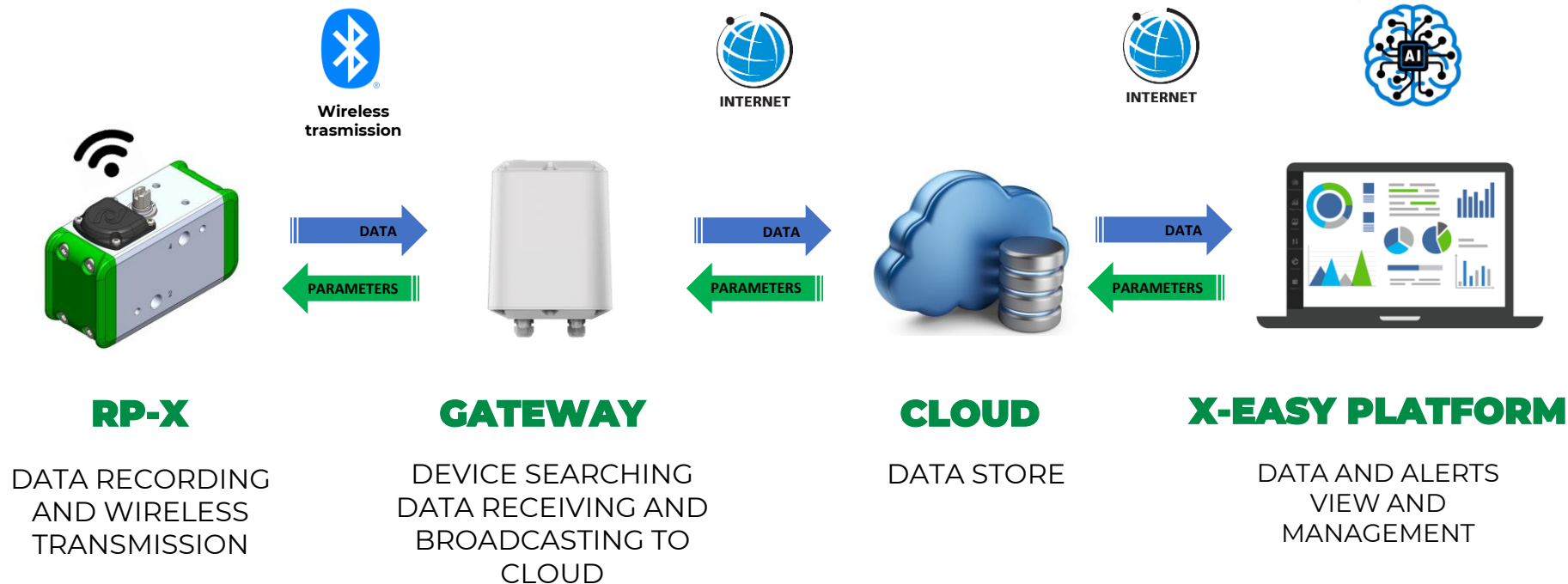
RP-X collects these data in the integrated storage memory.

The unit is equipped with an anti-tamper system for security of recorded data.

The system detects any attempt to tamper with the device or unauthorized removal of the protective cover.

RP-X

THE RP-X SYSTEM

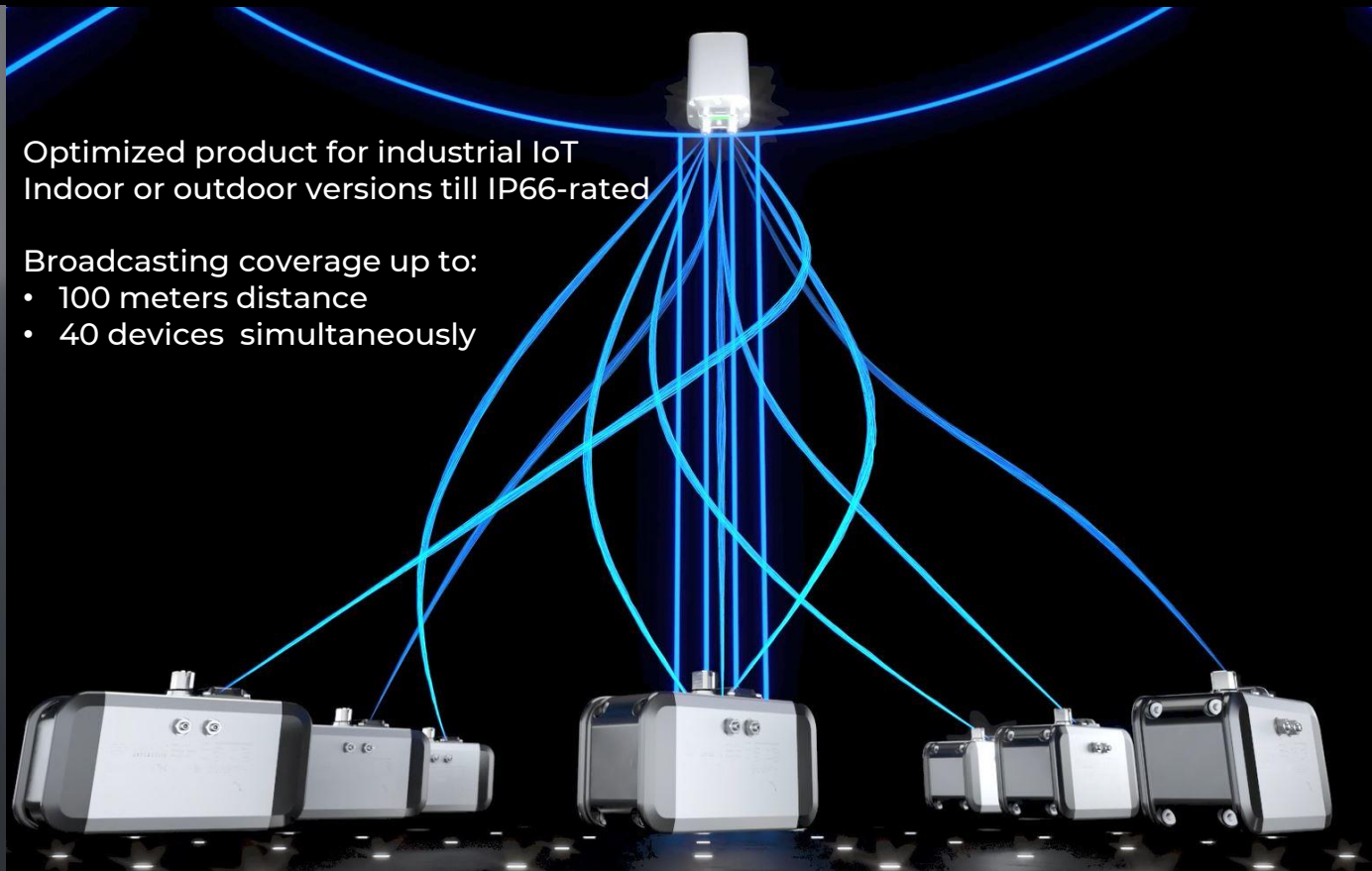




Optimized product for industrial IoT
Indoor or outdoor versions till IP66-rated

Broadcasting coverage up to:

- 100 meters distance
- 40 devices simultaneously



ASSET A**ASSET B****ASSET C****ASSET D****CLOUD SYSTEM SCALABILITY**

The user can create a scalable system in order to better manage different plants / assets



RP-X

APPLICATIONS

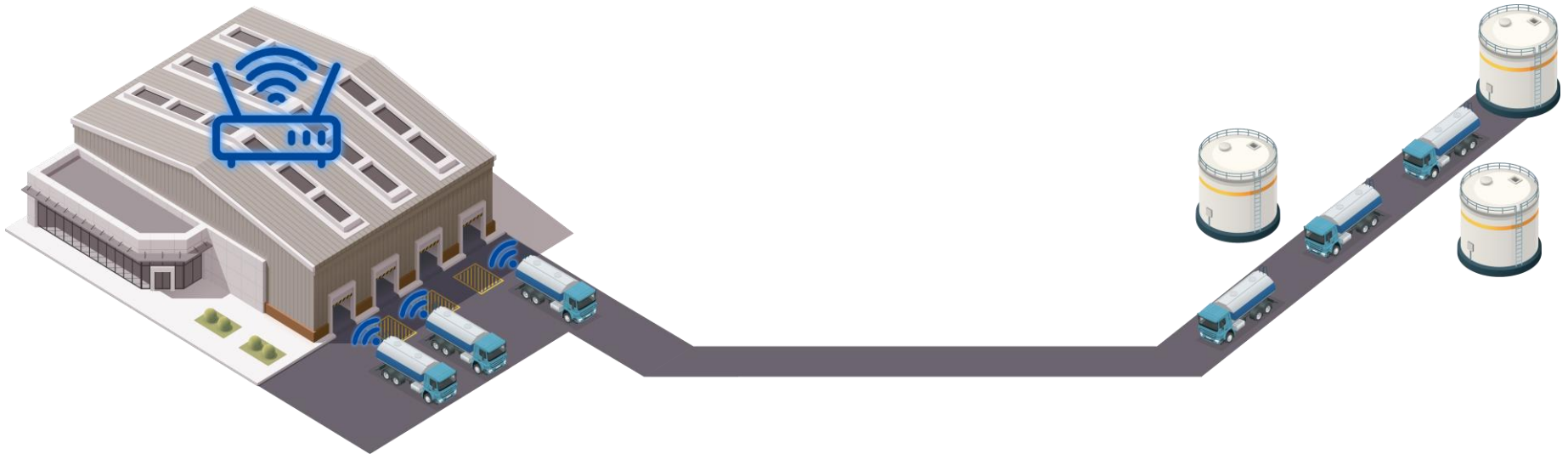
APPLICATIONS AND OPPORTUNITIES:

- The RP-X is a smart solution that can help operators to track and monitor operational processes by collecting data and sending key information
- It can be a support for predictive maintenance purposes
- It can help verify that operations are taking place according to the designated plans



Mobile applications, for example, can take advantage of this system:

- 🌀 During outwards missions/assignments actuators data are saved on memory
- 🌀 Once the actuator (e.g. on truck) is back to the plant, RP-X automatically connects to the Gateway for data-transfer



RP-X

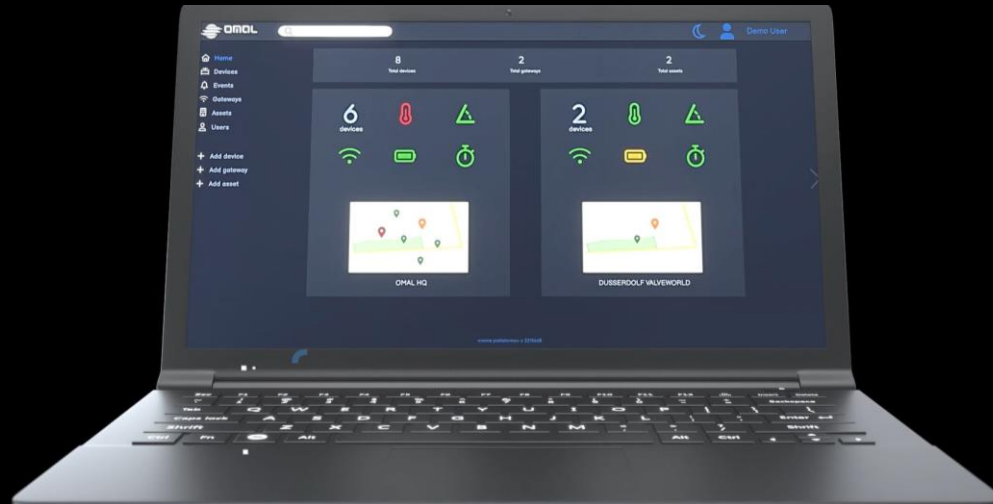
THE PLATFORM X-EASY

X-EASY is a web interface developed by ACTUATECH to allow easy fruition of information and to manage the data.

Any deviation from the set standards can be displayed on the screen or can trigger alerts (such as emails) addressed to the user.

Two levels of user: Administrator and Read-only

No need of server or buy/download app: the access is granted after product registration



 ACTUATECH[®]

Press / to search

  Actuatch RO User ▾

 Home

 Devices

 Warnings

 Gateways

 Assets

8
Total devices
[+ Add device](#)

2
Total gateways
[+ Add gateway](#)

2
Total assets
[+ Add asset](#)

ACTUATECH - HQ

6
devices








Leaflet

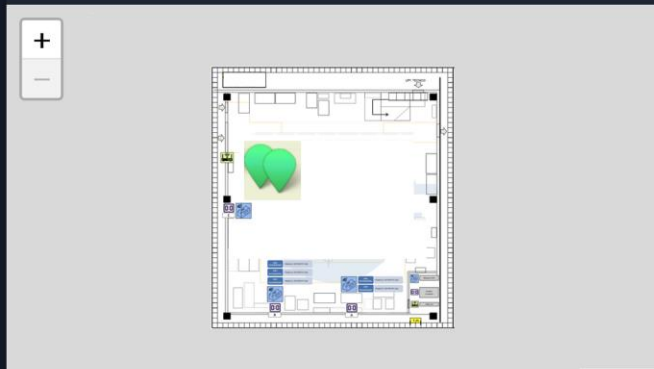
DÜSSELDORF FAIR

2
devices








Leaflet

Actuatech RO User

Home

Devices

Warnings

Gateways

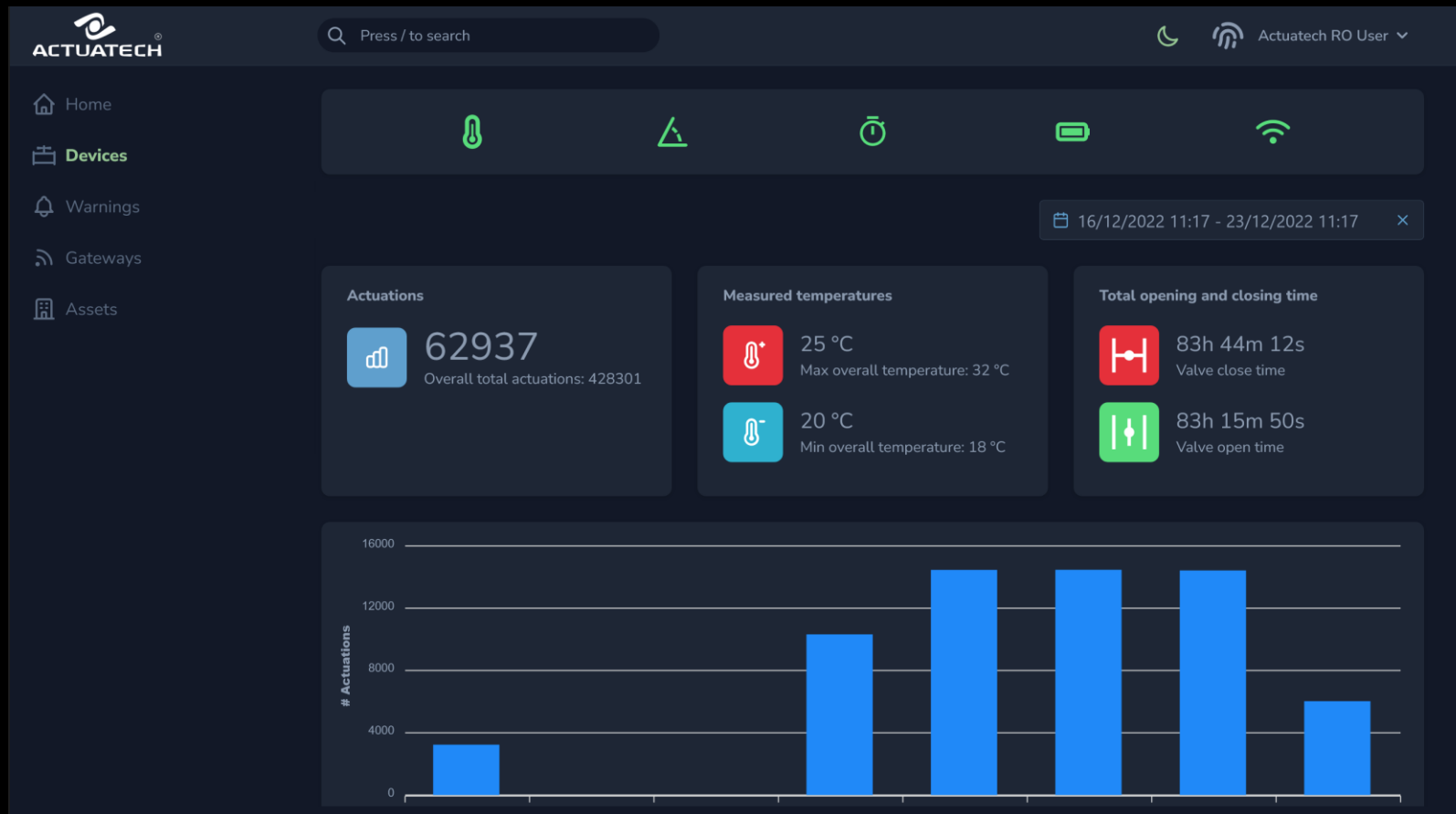
Assets

TYPE	NAME	
Device	RP-X 60 F05-F07 Q14 - 6004	
Device	RP-X 40 F05-F07 Q14 - 4001	
Device	RP-X 20 F04 Q11 - 2001	
Device	RP-X 40 F05-F07 Q14 - 4002	
Device	RP-X 60 F05-F07 Q14 - 6003	
Device	RP-X 60 F05-F07 Q14 - 6005	

Previous

1-6 of 6

Next



						 1 
TIME 	TYPE	TIME SINCE LAST ACTUATION	ANGLE	DURATION	TEMPERATURE	
11/01/2023, 16:37:27 CET	CLOSE	10s	0°	0.3s	25°C	
11/01/2023, 16:37:17 CET	OPEN	10s	94°	0.3s	25°C	
11/01/2023, 16:37:07 CET	CLOSE	10s	0°	0.3s	25°C	
11/01/2023, 16:36:57 CET	OPEN	10s	94°	0.3s	25°C	
11/01/2023, 16:36:47 CET	CLOSE	10s	0°	0.3s	25°C	
11/01/2023, 16:36:37 CET	OPEN	11s	94°	0.3s	25°C	
11/01/2023, 16:36:26 CET	CLOSE	10s	0°	0.3s	25°C	
11/01/2023, 16:36:16 CET	OPEN	10s	94°	0.3s	25°C	
11/01/2023, 16:36:06 CET	CLOSE	10s	0°	0.3s	25°C	
11/01/2023, 16:35:56 CET	OPEN	10s	94°	0.3s	25°C	
11/01/2023, 16:35:46 CET	CLOSE	10s	0°	0.3s	25°C	
11/01/2023, 16:35:36 CET	OPEN	10s	94°	0.3s	25°C	
11/01/2023, 16:35:26 CET	CLOSE	10s	0°	0.3s	25°C	
11/01/2023, 16:35:16 CET	OPEN	10s	94°	0.3s	25°C	
11/01/2023, 16:35:06 CET	CLOSE	10s	0°	0.3s	25°C	
Previous		1-15 of 2,380				Next