

# Connector One G2

## Connectivity expansion module



### Advantages:

- Interface for monitoring and controlling dormakaba automatic and security doors
- Reduced cabling requirements
- LAN communication instead of potential-free contacts
- Easy and fast integration into smart building systems
- Connection via WiFi also possible
- Select from a range of secure communication levels
- Compatible with the RC Touch control unit
- Compatible with EntriWorX Insights
- Configuration and maintenance via web browser, EntriWorX Setup App or EntriWorX Insights

### Connector One G2

The Connector One G2 is an expansion module for door operators, automatic doors and security doors. It enables easy integration into smart building systems via a local network infrastructure. A central system and the Connector One G2 communicate via the OPC UA standard, ensuring a secure, high-performance connection.

Any smart building system that can function as an OPC UA client is able to communicate with a Connector One. Integrating automatic doors into a smart building has never been easier.

### Features

Depending on the connected door operator or door type, the Connector One G2 provides up to several hundred data points regarding the door status and system condition. It also offers various control functions that for immediate use or for use in an automated environment.

It automatically detects what type of door is connected and adjusts the OPC UA model accordingly.

OPC UA methods or, alternatively, writable variables can be used to control the automatic door.

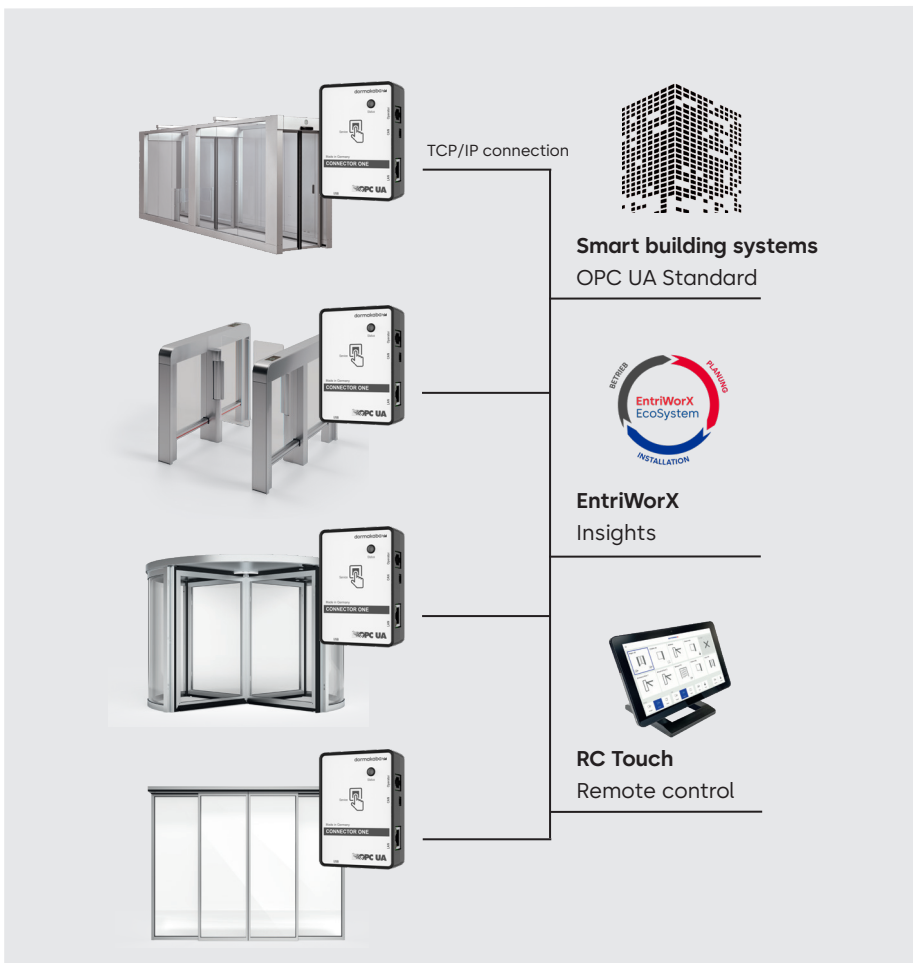
An RGB LED signals the device status at a glance – making commissioning and rapid diagnosis easier for technicians in the event of service or maintenance.

### Compatible with EntriWorX Insights

The Connector One G2 can be connected to the dormakaba cloud system EntriWorX Insights in parallel or as an alternative to the local control unit. The door's status and condition data are continuously transmitted, processed centrally and visualized. Besides a remote control option, configurations can also be adjusted remotely. EntriWorX Insights also enable centralized management of software updates for the Connector One G2.

The connection to the cloud is either via the customer-side network or optionally via a USB mobile radio module.

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## Supported products:

- **Swing door operators**  
ED100/ED250
- **Sliding door operators**  
ES200, HD 200, ES PROLINE,  
ESA 200, ESA 500, EL-301, AL-401,  
AL-501, AL-1001
- **Revolving doors**  
KTV, KTC 2, Geryon SRD
- **Folding doors**  
FFT 2D
- **Tripod turnstiles**  
Kerberos TPB
- **Turnstiles**  
Charon HTS, Kentaur FTS
- **Swing doors**  
Charon HSD, Kentaur FGE-Mxx
- **Sensor barriers**  
Argus V60, Argus 40/60/80, Argus  
Air
- **Security interlocks**  
Orthos PIL-M02

## Security

- Hardened operating system that automatically detects manipulation
- Firewall protected
- System access via user logins or server/client certificates
- Encrypted communication
- Supported WiFi authentication methods: WPA2 Personal, WPA2 Enterprise
- Critical system parameters can only be changed on site via direct device access or alternatively via the secure EntriWorX EcoSystem with the Setup app
- Secure storage of authentication data in the Legic SM-6300 security module

## Commissioning

Configuration can be carried out with minimal effort via the LAN interface and a standard web browser. All parameters are available in the integrated service menu. It can alternatively be configured in EntriWorX Planner and/or via the Setup app when connected to the EntriWorX ecosystem.

## Options

- WiFi module
- Mobile radio module for EntriWorX Insights

## Technical data

Dimensions:	88 × 60 × 30 mm
Power supply:	24 V DC
Max. power consumption:	7.5 W
Operating temperature:	< -15 to +55°C
Relative humidity:	5 - ~95%
Weight:	75 g
Communication protocol:	OPC UA
Interfaces:	Operator, LAN, USB-A, USB-C, CAN

Do you have any questions? We are happy to advise you and look forward to meeting you.