

# dormakaba extension module 90 43

## A smart way to wireless



### Your benefits at a glance

- **Versatile**  
Can be used for nearly all door solutions, such as automatic doors with wireless functionality
- **High level of security**  
Even with wireless functionality, the remote reader remains secure and telecommunications are encrypted with AES
- **Can be upgraded**  
Even existing remote readers (version 91 15-K5/MRD) can be equipped with this wireless functionality
- **Convenient and efficient**  
At the access point, the Cardlink update function is integrated simultaneously

### Convenient wireless function

With the extension module 90 43, the standalone remote reader 91 15 becomes a reader with convenient wireless function.

This way, you can program doors from your desk and benefit from the advantages of a wireless access system.

The extension module can be plugged into the remote reader 91 15. Thus, the reader receives all access data wirelessly.

### Use

You can use the extension module 90 43 together with the remote reader 91 15 for doors where you wish to change access rights wirelessly. For instance, in a system in which doors have been equipped with battery-operated standalone components and have the wireless function. Here you can integrate the entrance door reader into the same network and operate all doors conveniently with the click of a mouse.

If you use an online system, your doors in neighbouring buildings can quickly and conveniently be incorporated wirelessly without the need of additional bus cables.

### Areas of Application

This solution can be used as an access point for almost any door:

- Standalone systems:  
as a CardLink update point
- External doors and gates
- Automatic doors
- Parking barriers
- Entrance areas
- Motor locks

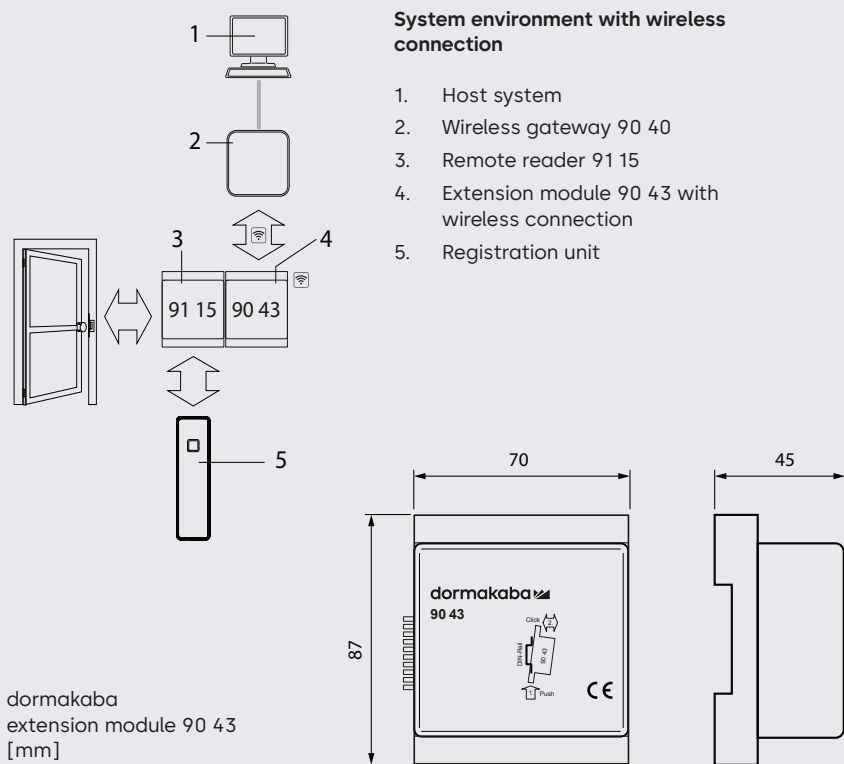
## Installation

The extension module 90 43 is designed for installation on a DIN top hat rail as per EN 60715. It is to be docked onto the remote reader. For this purpose, the remote reader has a connector at its side - no other connections are needed. The extension module is not suitable for installations within metal housings.

## Versatile

With the extension module 90 43 and remote reader 91 15, almost any kind of passage can be operated in wireless mode both in a standalone and an online system.

**Note:** The range of functions of the product depends on the system environment chosen. You can find further details and order information in the relevant dormakaba catalogues.



## Technical specification

### Design / material / weight

- Black ABS case
- 70 x 87 x 45 mm (W x H x D)

### Radio interface

- Technology: IEEE 802.15.4
- Frequency band: 2400 to 2485.5 MHz (16 channels)

### Environment

- Operating temperature:
  - 0 °C to + 50 °C
- Storage temperature:
  - - 20 °C to + 65 °C
- Humidity: 5 to 85 %, non-condensing
- Class of protection as per BS EN 60529: IP 20

### Standards and guidelines

- EN 300 328, EN 301 489-1
- EN 62368-1
- 2014/53/EC, 2014/35/EC and
- 2011/65/EC

### Environmental product declaration: EPD

- Declaration number:
  - EPD-DOR-20210197-CBA1-EN
- Under ISO 14025 and EN 15804+A2
- Publisher and declaration holder:
  - Institut Bauen und Umwelt e.V.

Further details and order information can be found in the relevant dormakaba catalogues or system descriptions.

## Our Sustainability Commitment

dormakaba is committed to foster a sustainable development along our entire value chain.

In order to give quantified disclosures of a product's environmental impact and its ecological footprint, dormakaba provides Environmental Product Declarations (EPDs). Please download the EPD and read more about our sustainability commitment here or use the QR code provided.



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**Any questions? We will be happy to assist you.**

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