

#### ORDER-CODES:

KXC-RA4-DB-BUS, KXC-RA4-DB-BUS-SET

[DATASHEET KXC-RA4](#)

## Overview

The DoorLock-RA4-DB-BUS distribution box is the central connection unit for two rack levers (KXC-RA4-IPx) and two door contacts (KDC1-W) in the rack. The distribution box also serves as a bus connection from rack to rack for up to 8 racks or 16 rack levers. The distribution box is mounted in the rack itself, and all components are plugged in via RJ45 sockets without being clamped.

1. Connection of two door contacts
2. Connection of two DoorLock-RA4
3. Connection of further distribution boxes

The distributor box is either connected directly to the DoorLock-Ra4 remote station (AccessManager or SmartPDU) or to another distributor box.

## Safety instructions

### Installation

Installation and commissioning may only be carried out by trained specialist personnel in accordance with the instructions.

No modifications of any kind, other than those described in an appropriate manual, are permitted to Kentix GmbH products.

Certain levels of protection must be provided when installing Kentix equipment.

Observe the relevant regulations for installations in the respective environment.

Only operate the products within the defined temperature range.

The instructions should be passed on to the user by the person carrying out the installation.

Kentix accepts no liability for damage to the equipment or components resulting from incorrect installation. No liability is accepted for incorrectly programmed units.

Kentix shall not be liable in the event of malfunctions, damage to property or other damage.

### Use of the products, transport and storage

Protect the device during transport, storage and operation from

Protect moisture, dirt and damage.

### Battery powered products

Do not use products in potentially explosive atmospheres.

Only operate the products within the defined temperature range.

Installation and battery replacement may only be carried out by trained personnel in accordance with the instructions.

Do not charge, short circuit, open or heat batteries.

When inserting the batteries, pay attention to the correct polarity.

The devices must always be operated with the batteries intended for the product.

When changing batteries, always replace all batteries.

Dispose of old or used batteries properly.

Keep batteries out of the reach of children.

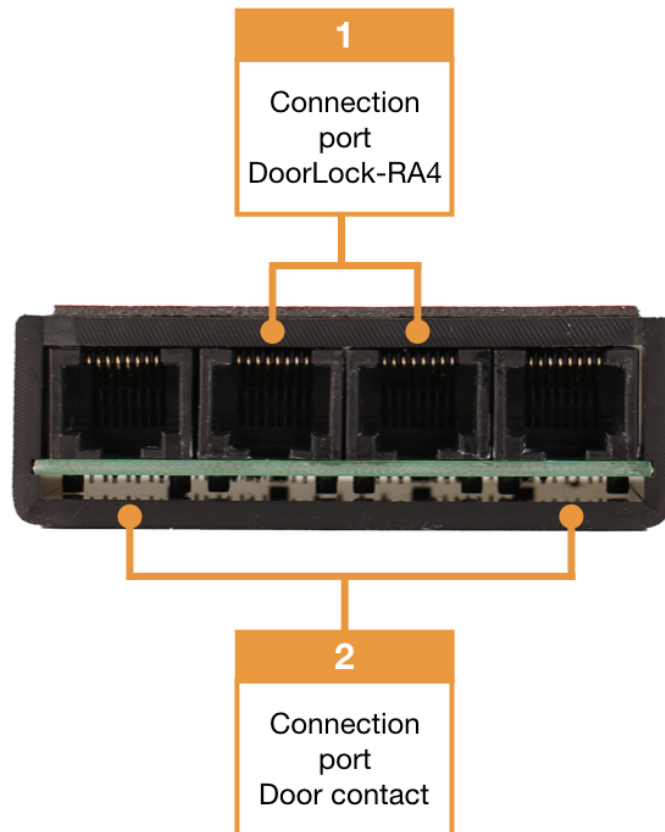
### Maintenance

Kentix devices must be checked for functionality as part of annual maintenance.

### Disposal

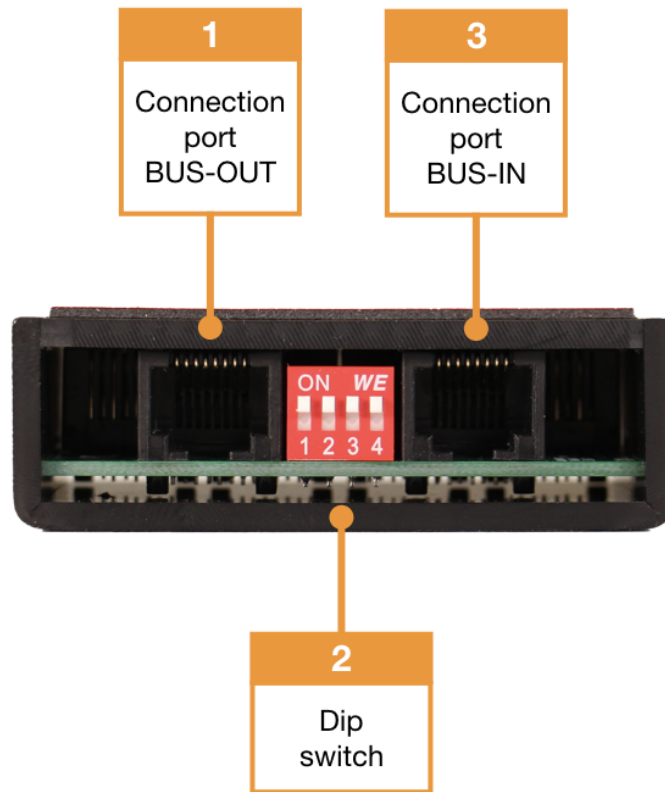
Electrical appliances and batteries must be disposed of separately from household waste.

## Connections



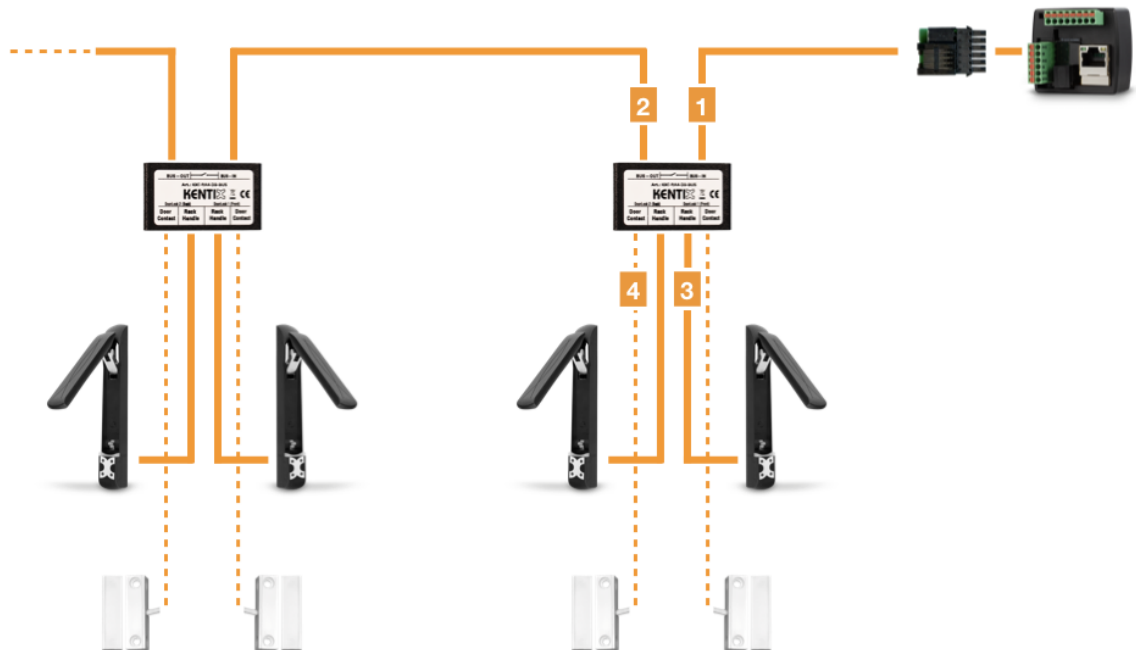
1. Connection for DoorLock-RA4
2. Connection for door contact KDC1-W

The door contact is evaluated on the DoorLock. It is therefore essential that one DoorLock per door contact is also connected to the distributor box.



1. Connection for downstream distribution box
2. Dip switch (all switches must be set to ON)
3. Connection to remote station or previous distribution box

## Connection example



1. Connection to remote station or previous distribution box
2. Connection for downstream distribution box
3. DoorLock-RA4
4. Door contact KDC1-W