

# KIO7053-VdS extension - MANUAL



## Overview

The KIO7053-VdS extension is used to connect magnetic contacts, bolt contacts and motion detectors in accordance with VdS class B to a KIO7053 module. The extension is connected to a KIO7053 module using the two jumpers supplied. The KIO7053 module and the extension are stacked and no additional dividing unit is required on the top-hat rail for mounting (Piggypack). A maximum of 8 magnetic contacts, bolt contacts or motion detectors can be connected per extension.

## 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.

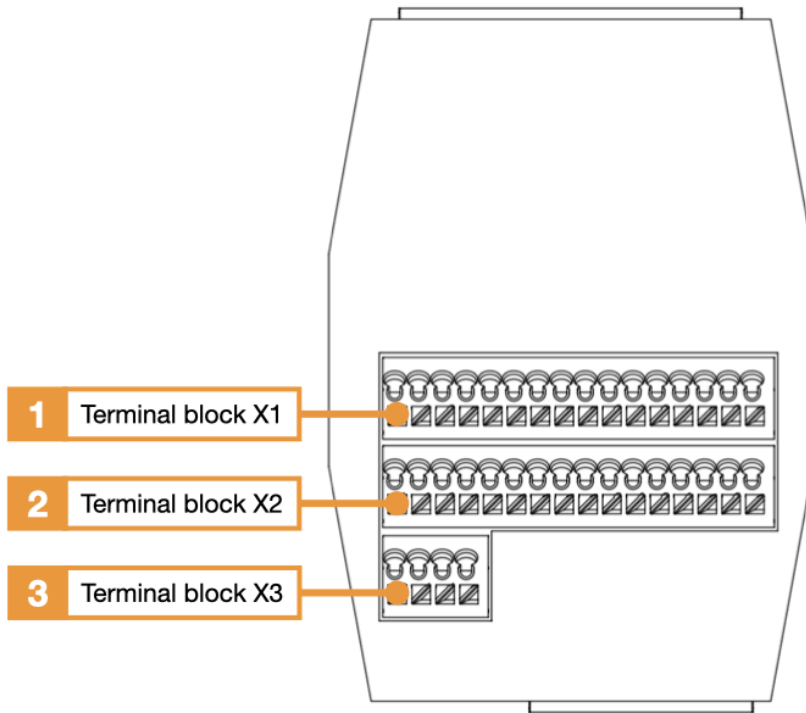
Maintenance

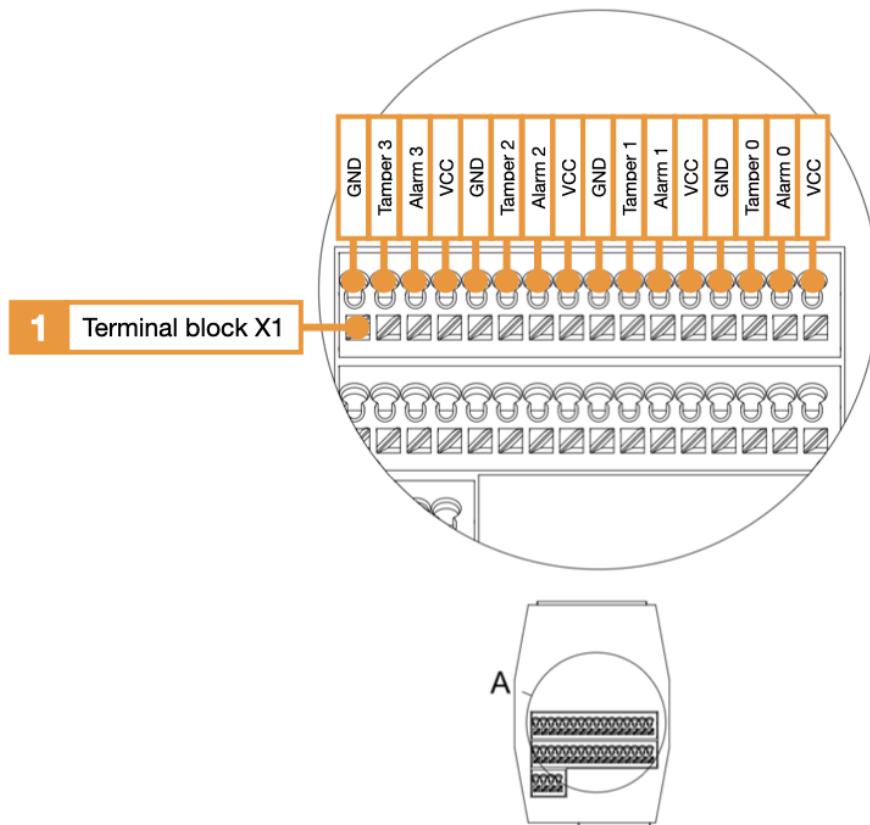
Kentix devices must be checked for functionality as part of annual maintenance.

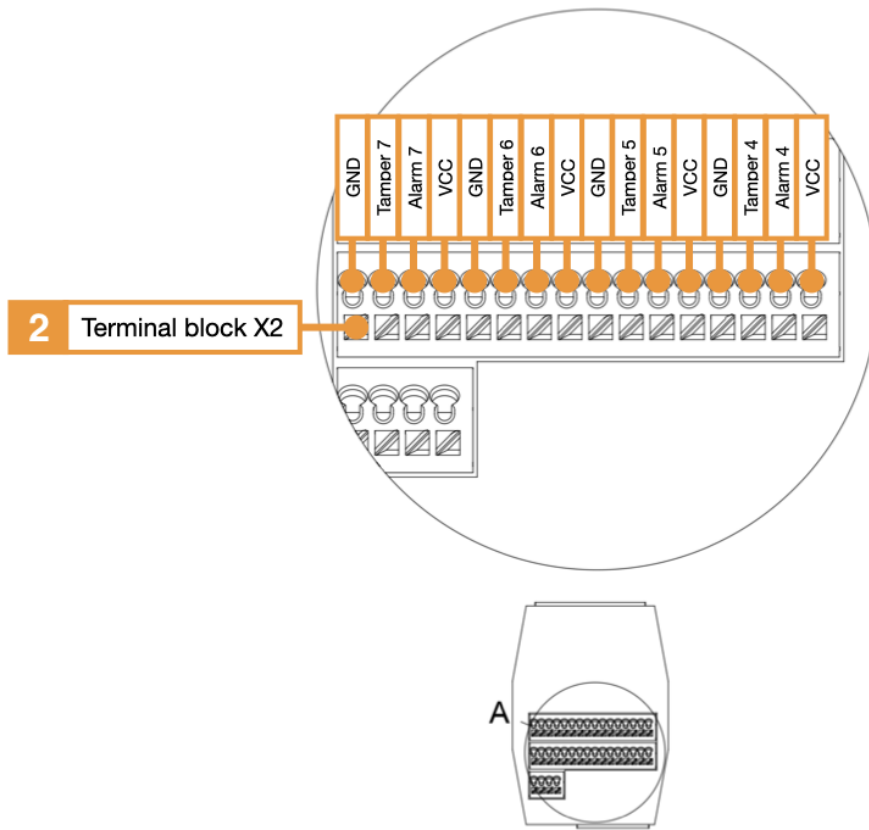
Disposal

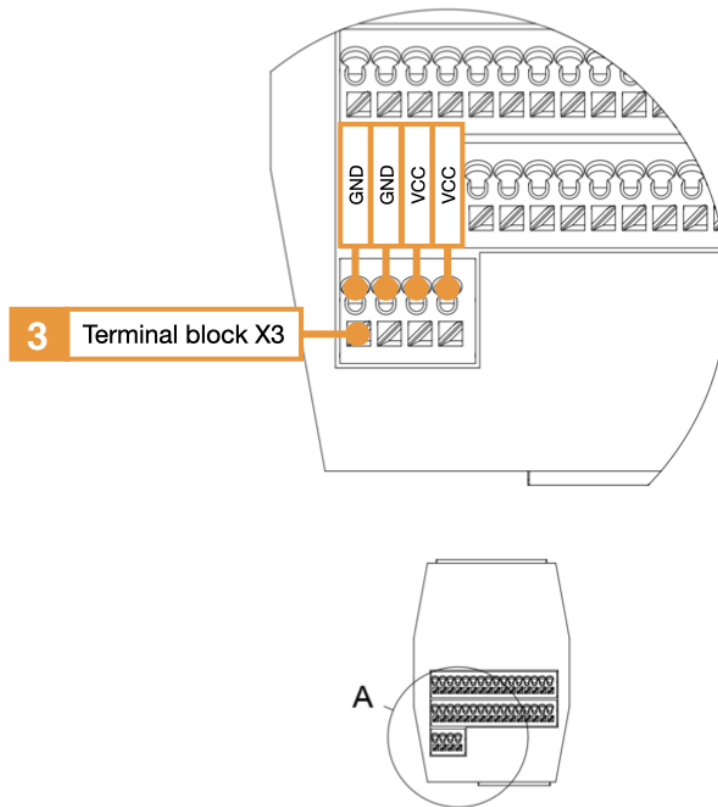
Electrical appliances and batteries must be disposed of separately from household waste.

## **Controls**









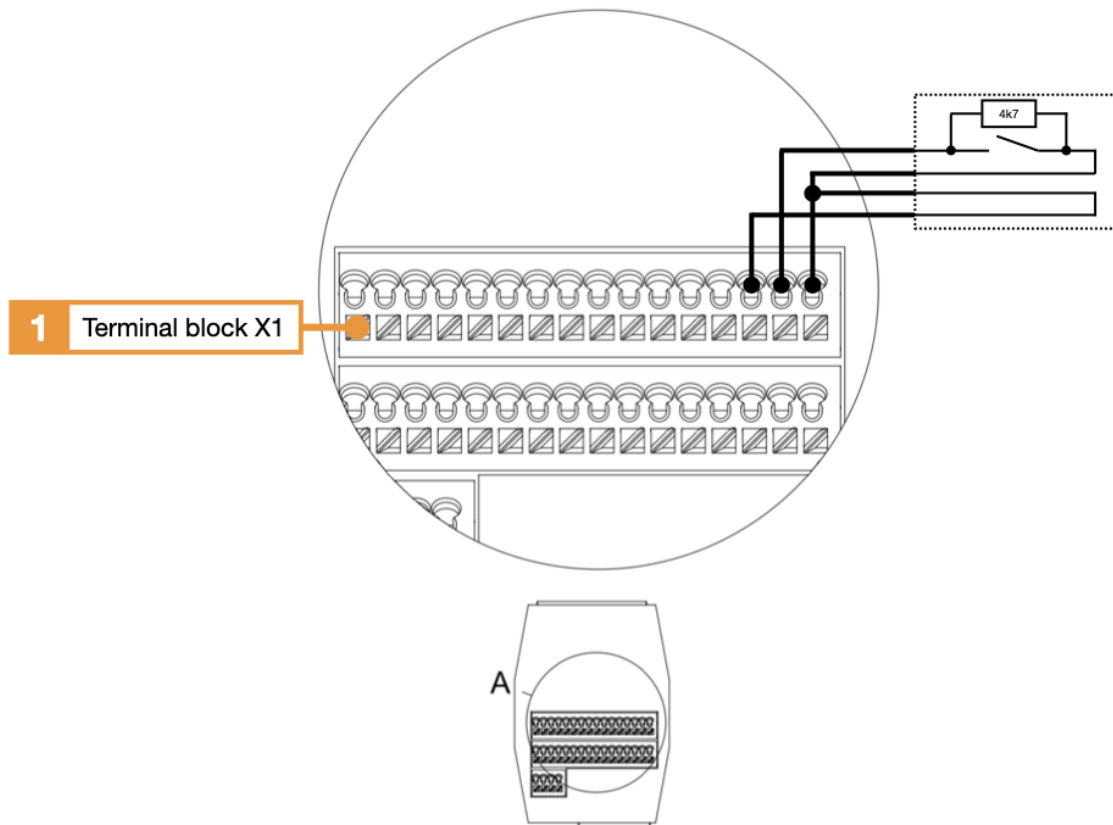
1. Terminal strip X1 (input 0-3), 0.5-1.<sup>0mm<sup>2</sup></sup>
2. Terminal strip X2 (input 4-7), 0.5-1.<sup>0mm<sup>2</sup></sup>
3. Terminal strip X3: Power supply 12VDC (VCC/GND), 0.5-1.<sup>0mm<sup>2</sup></sup>

To detect a possible interruption in the power supply, the KIO7053 module must not be supplied via PoE. Power is supplied via an external power supply unit (12VDC) and via terminal strip X3 of the KIO7053-VdS extension.

## Application examples

### Connection of a VDS magnetic contact

Terminating resistor 4k7 OHM



## Connection of a VDS motion detector

Terminating resistor 4k7 OHM

