

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 may be made to Kentix GmbH products, with the exception of those described in the relevant instructions.

When installing Kentix devices, certain degrees of protection must be guaranteed. 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 devices or components caused by incorrect installation. Kentix accepts no liability for incorrectly programmed units.
Kentix accepts no liability for faults, material damage or other damage.

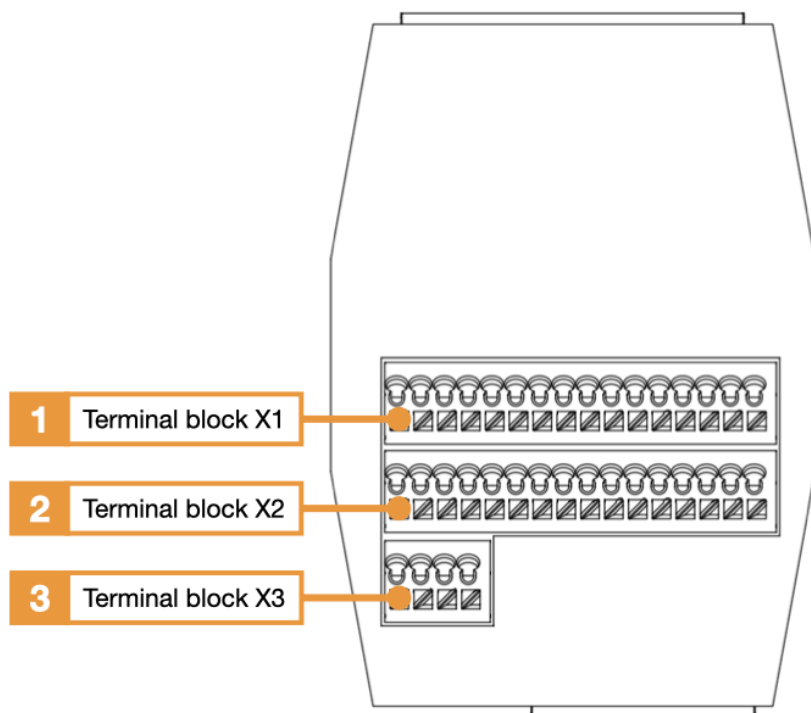
Use of the products, transport and storage
Protect the device from
moisture, dirt and damage during transportation, storage and operation.

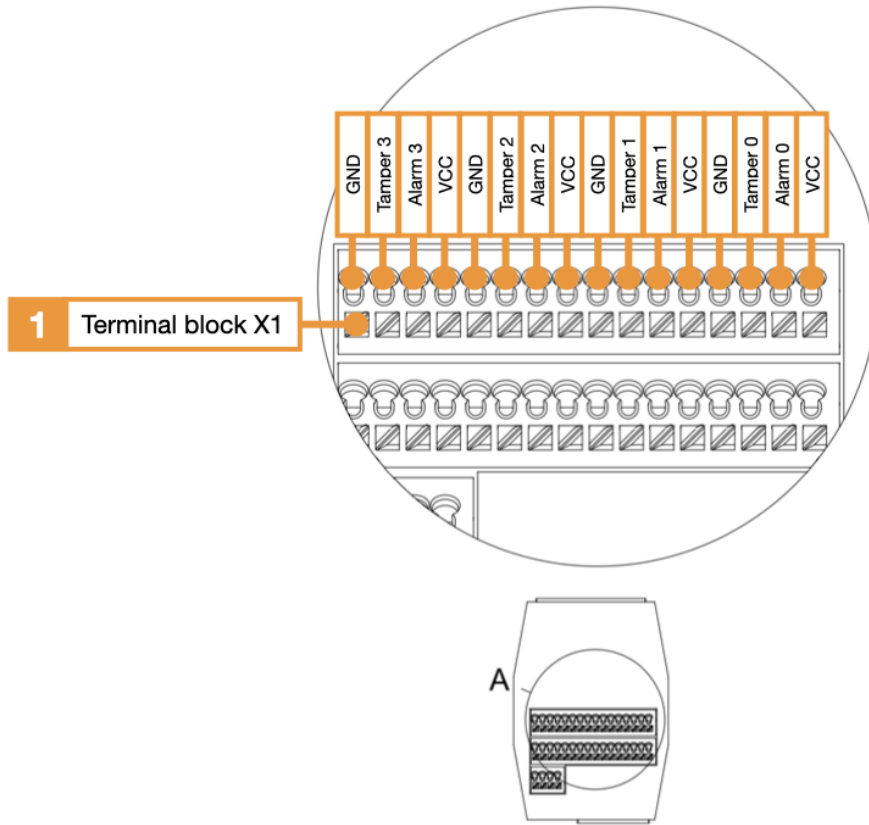
Battery powered products
Do not use the products in potentially explosive atmospheres.
Only operate the products within the defined temperature range.
Installation and battery replacement may only be carried out by trained specialist personnel in accordance with the instructions.
Do not charge, short-circuit, open or heat batteries.
Observe the correct polarity when inserting the batteries.
The devices must always be operated with the batteries intended for the product.
When changing the batteries, always replace all batteries.
Dispose of old or used batteries properly.
Keep batteries out of the reach of children.

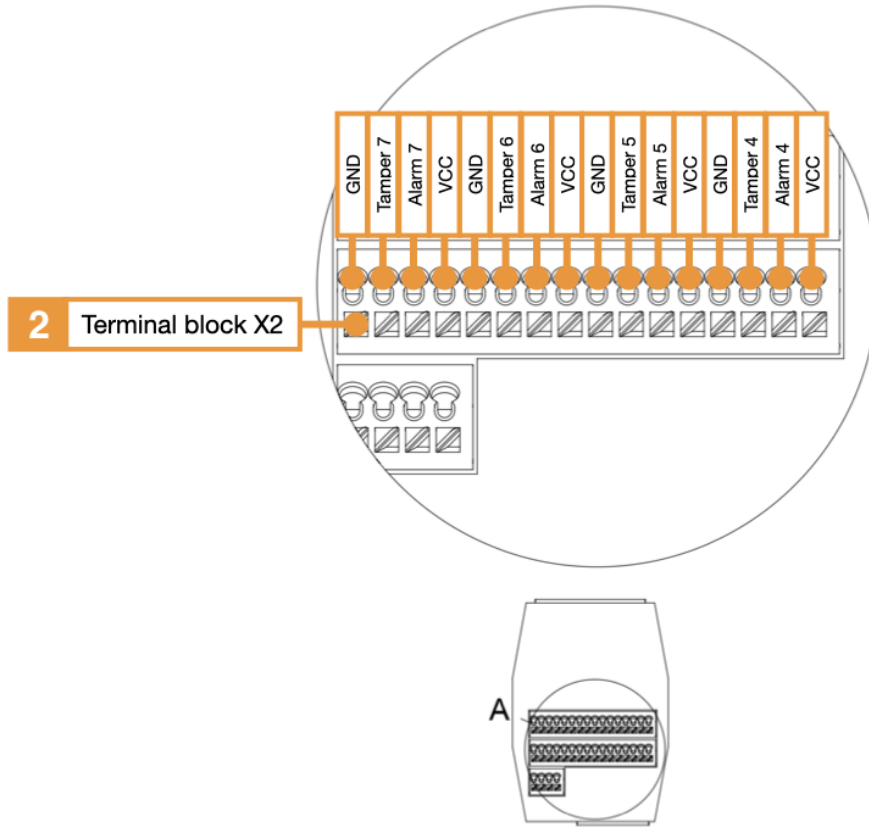
Maintenance
Kentix devices must be checked for functionality as part of annual maintenance.

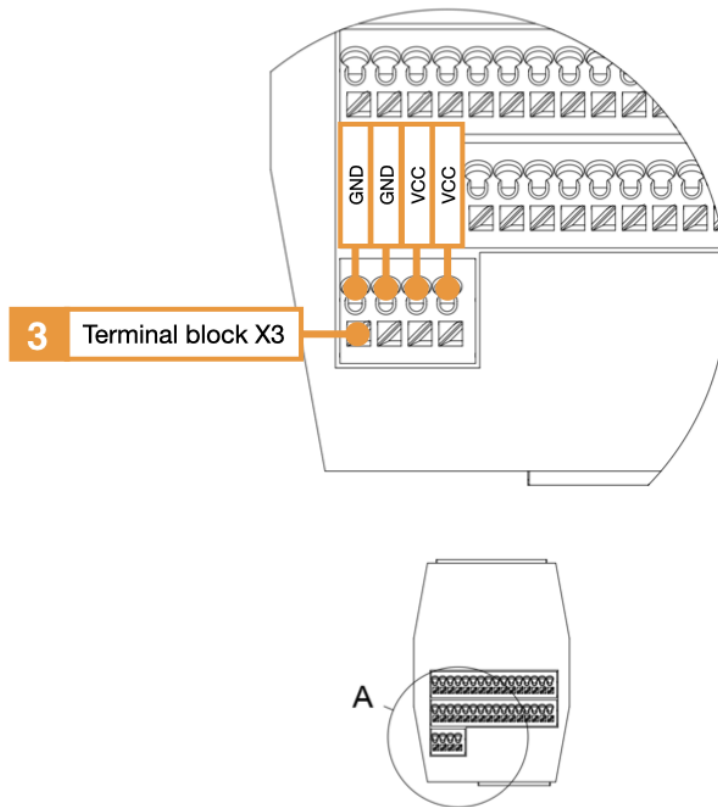
Disposal
Electrical appliances and batteries must be disposed of separately from household waste.

Controls









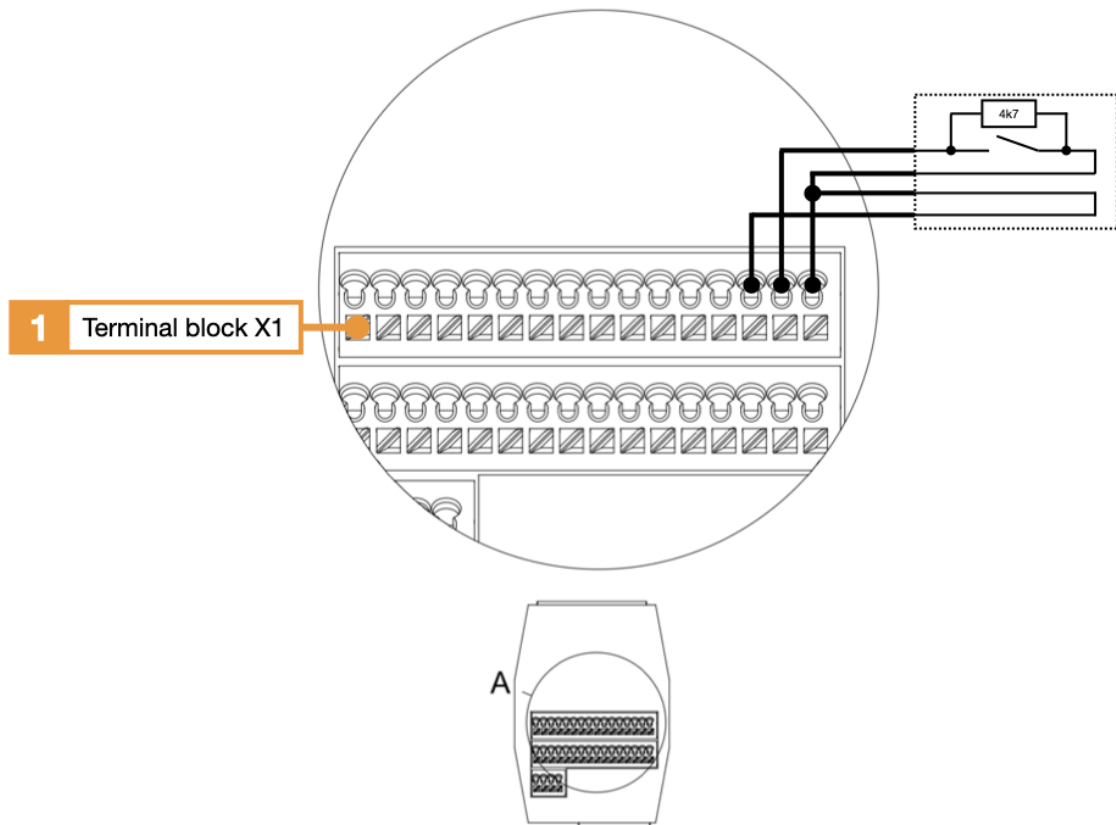
1. Terminal strip X1 (input 0-3), 0.5-1.0mm²
2. Terminal strip X2 (input 4-7), 0.5-1.0mm²
3. Terminal strip X3: Power supply 12VDC (VCC/GND), 0.5-1.0mm²

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

