

Care, faults & disposal

Care and servicing

Isolate relevant supplies before cleaning. Use a soft, dry cloth. Do not use liquids, solvents or abrasive cleaners.

Do not open, modify or repair the module. Contact DATEC for servicing.

If damaged, wet, unusually hot or emitting an unusual smell, stop use and have a qualified installer isolate it safely.

Fault assistance

Check wiring and configuration against the DATEC documentation. Tell support the full product reference, device identification and fault symptoms.

Electrical waste

Do not put this electrical device in household waste. Use an authorised electrical-waste collection point or ask your supplier about returns.

The crossed-out wheeled bin denotes separate collection. Correct collection supports recycling and protects health and the environment.

Sort packaging according to local collection rules.

Manufacturer & documentation

Manufacturer

DATEC ELECTRONIC AG

Hochbergerstrasse 60C
4057 Basel
Switzerland

Manufacturer support:

support@datec.ch

+41 61 633 22 25

www.datec.ch/en/

Product documentation

Request the current installation information for **1630.03160/62100** from DATEC. Quote the product identification shown on the supplied item.

Conformity documentation

For the EU Declaration of Conformity for this model, contact DATEC using the details above.

www.datec.ch/en/contact.html



DATEC manufacturer contact.



Design. Integrate. Visualise.

DATEC

Safety & installation information

ENGLISH

1630.03160/62100

KNX flush binary input, 8 channels

Read before installation

Read this notice and the DATEC product documentation before installation. Keep them and pass them to the end user.

Intended use

KNX interface for eight dry contacts and eight status LEDs. Up to seven inputs can instead accept compatible DATEC temperature sensors.

DATEC product.

Manufacturer: DATEC ELECTRONIC AG.

Electrical safety

WARNING - Mains voltage may be present near the module in the installation.

Installation and wiring must be carried out by a qualified electrical installer under applicable national rules.

Before work, isolate the relevant supplies, prevent reconnection and verify absence of voltage.

Power the module from a suitable KNX bus supply. Observe the red/black terminal polarity. Never connect mains voltage to any module terminal.

Connect only potential-free contacts, specified temperature sensors and suitable low-current LEDs. The module supplies the input sensing and LED voltage.

Keep KNX, sensor and LED wiring separated from mains circuits. Prevent loose strands and contact with live parts.

Environment

Use in a dry indoor installation, protected from moisture and condensation. IP20; ambient -5 to +45 °C. Do not energise a damaged device.

Connections & limits

Essential ratings

Supply: KNX bus, max. approximately 10 mA.

Inputs: 8 dry contacts.

Sensing: 5 VDC, max. 2.2 mA, internal 2.2 kΩ resistors.

LED outputs: 8, 5 VDC via internal 3.6 kΩ resistors.

Temperature sensors

Up to 7 of the 8 inputs may be used for DATEC 1630.03121/56XXX sensors: NTC 6K8, B25/100 = 4200 K. XXX is cable length in cm.

Measurement range: -60 to +50 °C. This does not extend the module's -5 to +45 °C ambient rating.

Wiring and mounting

Input / LED terminals: 1 mm² / 16 AWG, maximum torque 0.15 Nm. Use twisted pair, maximum 30 m.

Check the connection diagram, polarity and secure mounting. Flush mounting; optional DIN-rail support 1633.02000/00.

Commissioning & operation

Configuration

Use the DATEC application for 1630.03160/62100 and the manufacturer's KNX instructions. Mains is not required for application download.

Assign each input to its function. A temperature sensor replaces a dry contact on that input.

Functional checks

Test each switch and LED. Confirm indications match the intended input or KNX object.

Verify the sensor type and compare temperature readings with a reference before using them for control.

Check responses to sensor disconnection, bus interruption and restored power.

Use and access

The module does not switch mains loads. Use a suitable KNX actuator. Restrict bus and programming access to authorised people. Keep the final configuration.