

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 **1630.03160/61100** 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

1630.03160/61100

KNX flush switch actuator 4 × 10 A

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 control of lighting and blinds through four relay outputs, eight dry-contact inputs and four status LED outputs.

DATEC product.

Manufacturer: DATEC ELECTRONIC AG.

Electrical safety

WARNING - Relay circuits may carry hazardous mains voltage, including when the KNX bus is off.

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

Before work, isolate the KNX supply and every connected load supply. Prevent reconnection and verify absence of voltage.

Never use a KNX command, open relay contact or status LED as proof of safe isolation.

Connect only dry contacts to the binary inputs and suitable low-current LEDs to the LED outputs. Never apply mains voltage to KNX or local I/O.

Keep bus and local I/O wiring separated from mains circuits. Select circuit protection and loads for the connected wiring and documented relay ratings.

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. 30 mA.

Outputs: 4 normally open dry contacts.

Resistive load: 10 A at 250 VAC per relay.

Inputs: 8 dry contacts, 3.3 VDC sensing, max. 0.33 mA.

LED outputs: 4, 3.3 VDC via internal 2.1 kΩ resistors.

The 10 A rating is for resistive loads. Use DATEC's separate lamp, ballast and motor ratings when selecting other loads.

Wiring

Relay screw terminals: 1.5 mm² conductors; maximum torque 0.5 Nm. Use the red/black KNX terminal and observe polarity.

Local I/O uses the 20-wire, 100 mm AWG28 cable. Signal wiring may be extended to 30 m using twisted pair.

Before power-up

Check the model, wiring diagram, load ratings, terminal tightness and mounting. For DIN mounting use support 1633.02000/00.

Commissioning & operation

Configuration

Use the DATEC application for 1630.03160/61100. Follow the manufacturer's KNX instructions. Mains is not required for application download.

Blind and shutter control

Use a configured output pair per motor. Ensure up and down cannot energise together. Check motor compatibility against DATEC's load rating.

Keep people and objects clear during tests. Verify direction, travel limits and safe stopping before enabling automatic movement.

Functional checks

Test KNX commands, local inputs and LEDs. Verify behaviour after loss and restoration of bus and load power.

LEDs do not prove absence of hazardous voltage.

Access

Restrict bus and programming access to authorised people. Keep the final configuration.