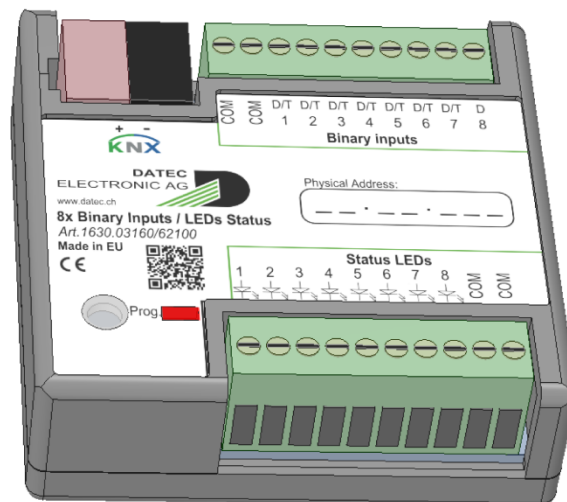


Datasheet

Flush mounted,
Binary Input 8 fold
Status Leds 8 fold
Art. 1630.03160/62100



Description

The **Binary Input 8x / 8 Status LEDs** is a flush mounted device commonly used in offices, hotel rooms, apartments and much more.

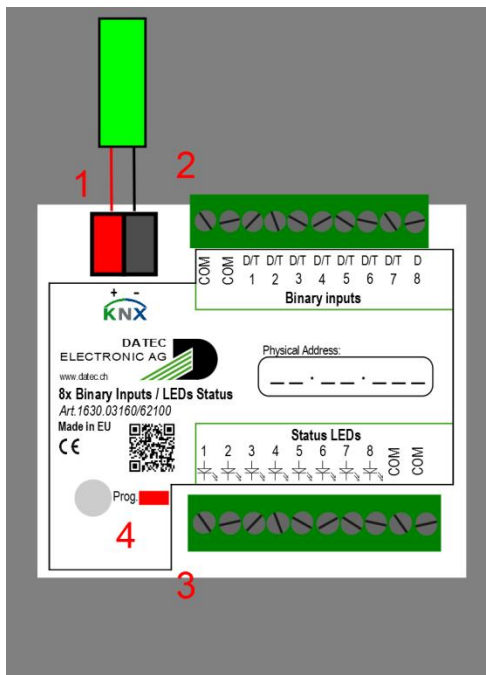
The device can interface 8 potential-free contacts to control lighting, shading or other equipment.

Up to 7 of the potential-free contacts can be used to connect temperature sensors, to measure various temperatures (local temp., outside temp., inlet air, ...).

The device can also drive 8 Status LEDs. Each LED can be set to display the status of the corresponding binary input, or to display the value of a separate communication object.

Functional description

- 8 local binary inputs, 5VDC with 2k20hm series resistor provided by device. Needs only dry contact
- Each binary input can be used to interface push-buttons or switches
- The binary inputs can be used to control lighting, shading or other KNX equipment
- 8 outputs for status LED's, 5VDC with 3.6kOhm series resistor provided by device. Needs only low current LED
- No need of mains voltage for application download
- Flush mounted
- Operating temperature -5°C ... +45°C
- Dimension approx. 46.5 x 46.5 x 15.5mm
- Weight approx. 25g



Terminals

1. KNX bus
2. Binary / Temperature sensor inputs
3. Status LED outputs

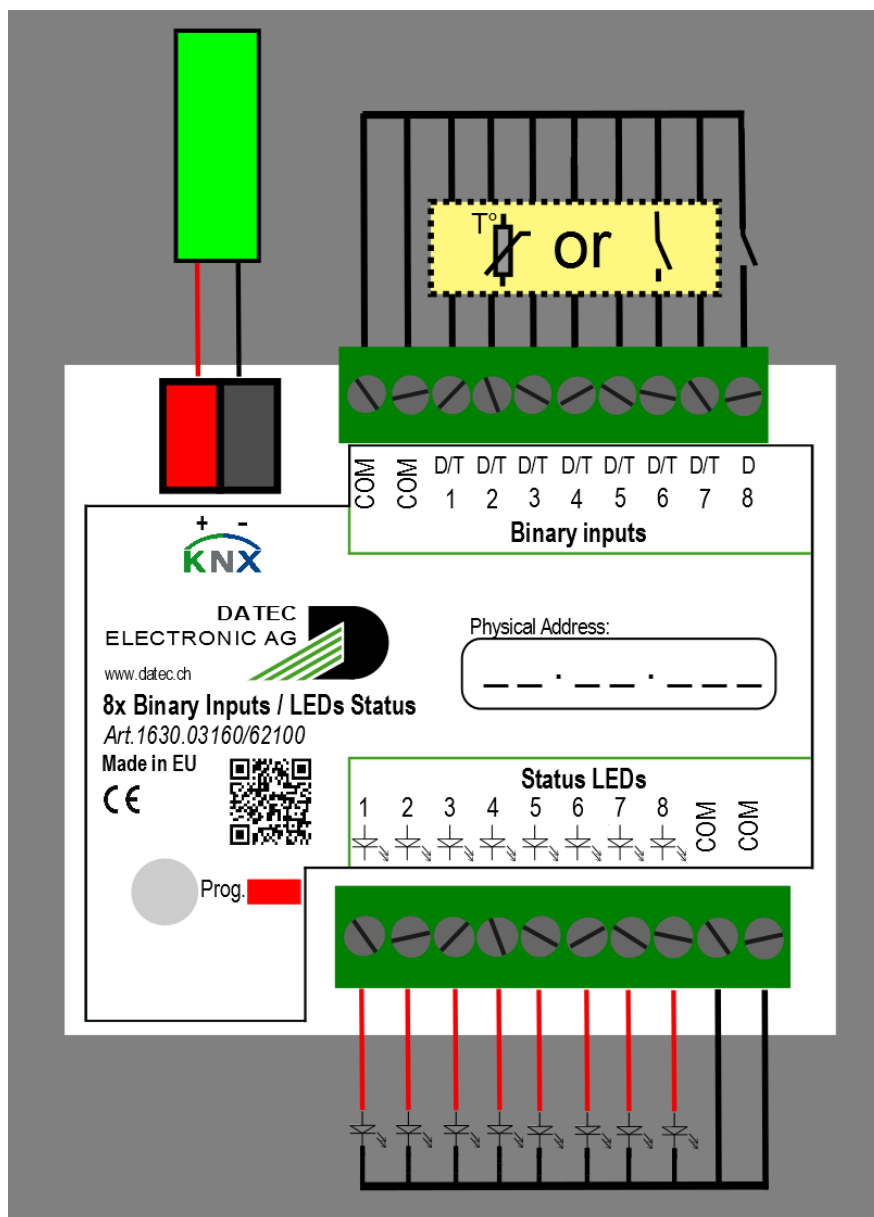
Button and LED

4. KNX programming button and LED

Datasheet

Flush mounted, Binary Input 8x - Art. 1630.03160/62100

Application example: Flush mounted, Binary Input 8 fold



Datasheet

Flush mounted, Binary Input 8x - Art. 1630.03160/62100

Technical Data

Housing	Approx. 46.5 x 46.5 x 15 mm	
Mounting	To be flush mounted	
Housing material	ABS V0	
Protection degree	IP20	
Weight	Approx. 25g	
Operating temperature	-5°C ... +45°C	
Terminals		
KNX	Pluggable micro terminal, Red/Black, 4 pole PUSH WIRE For conductor solid wire 0.6-0.8 mm ²	
Binary inputs / Status LED outputs	Screw terminal green 1 mm ² / 16 AWG Terminal opening size 1.4x1.7mm Screw M1.6 Maximum torque 0.15 Nm / 1.33 in.lbs	
KNX	Max. ≈10mA current consumption from bus Max. current is if all inputs / outputs are 0 Ohm	
Local binary input / Status LED's output		
Voltage supplied from device to binary inputs	5VDC, max. 2.2mA (2.2kOhm internal)	
Voltage supplied from device to LED outputs	5VDC, 3.6kOhm internal	
Temperature sensor inputs	Temperature sensor from DATEC Electronic Art. 1630.03121/56XXX (XXX length in cm) NTC 6K8 B25/100 = 4200K	
EMC	EN 61000-4-2	EN 61000-4-3
	EN 61000-4-4	EN 61000-4-5
	EN 61000-4-6	EN 61000-4-11