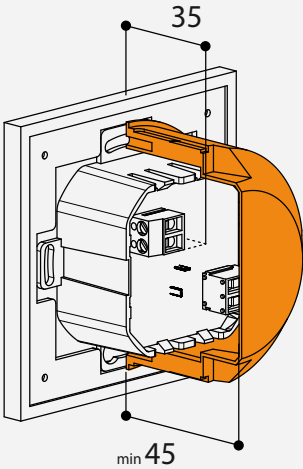




Dimmer



KNX Dimmer



Power consumption: 4 mA

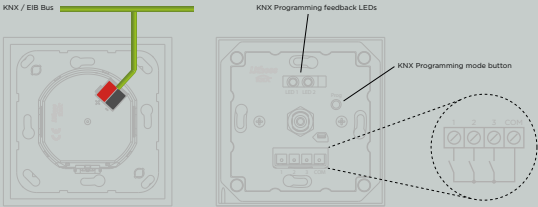
Features

The Lithoss KNX rotary sensor is used for controlling dimming, switching, and blind actuators, as well as for adjusting the target value of a temperature controller. This KNX rotary sensor follows the well-known operating concept and Lithoss look of a rotary dimmer with incremental encoder. The rotary sensor has three extension inputs for connecting conventional, potential-free contacts of switches, buttons and magnetic contacts. A beeper generates a confirmation tone or signals an alarm.

Type	Ref.
	KNX Dm0K _{xx}

xx Add the color code at the end for any color you desire.

Wiring diagram



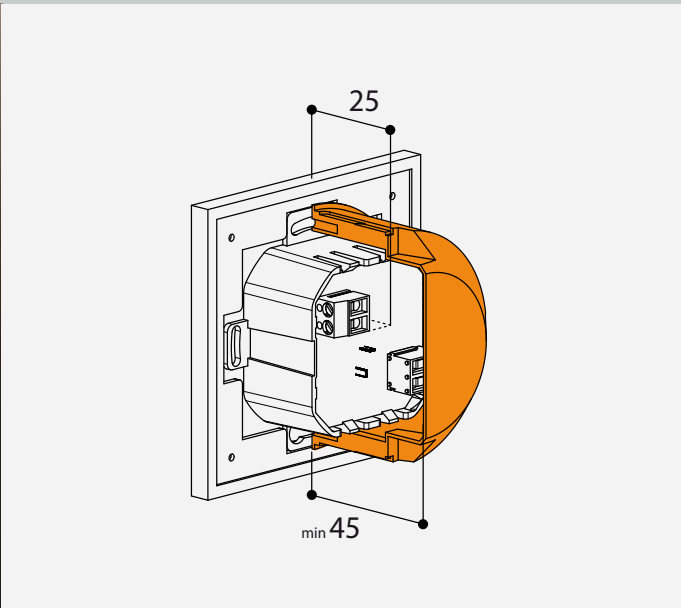
Connecting and fitting the device

- Connect bus line with terminal to bus connection (1).
- If necessary, connect potential-free contacts to the push-button interface (5) between terminals COM and 1..3 (figure 2).
- Install the device (2) in the appliance box.
- Mount the frame (6), the central plate (7) and the control button (8).



Specifications	
KNX medium	TP 1
Commissioning mode	S-mode
Rated voltage KNX	DC 21-32V
Safety class	III
Connection type bus	Connection terminal
Current consumption	
KNX	max 12,5 mA
Energy saving mode	3 mA
Push button interface	
Poll voltage	20 V
Cable length	max 5 m
Dimmer type	Rotary switch
Ambient conditions	
Ambient temperature	-25°C/+55°C
Storage/transport temperaure	-25°C/+55°C
Relative Humidity	5-93%

Universal Dimmer



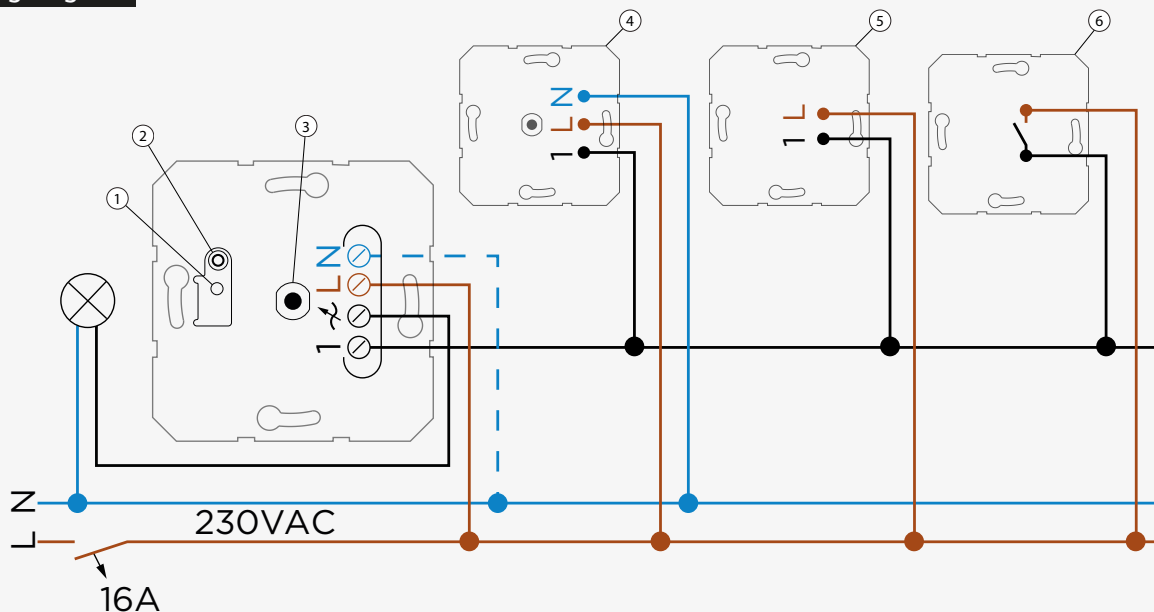
Features

The lithoss universal dimmer is a rotary dimmer with a push on/off function. The button has a very ergonomical size and provides a natural feeling in order to dim the light. It is possible to use multiple dimmers on the same circuit.

Type	Ref.
 UNIVERSAL	Dm0Pxx

xx Add the color code at the end for any color you desire.

Wiring diagram



① Display LED of the dimming principle

② Button dimm-mode

③ Rotary axle

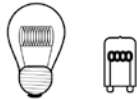



④ Rotary dimmer, 3-wire extension

⑤ ON/OFF

⑥ push-button, NO contact

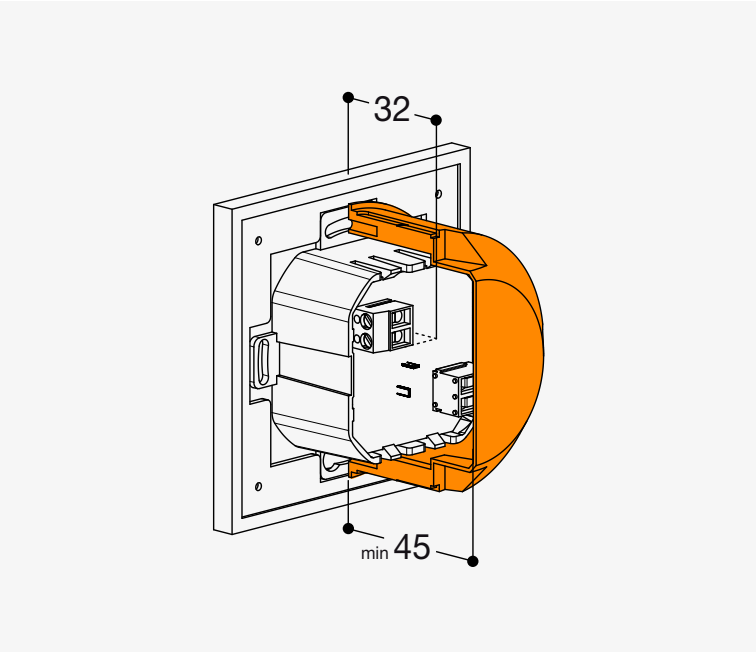
Specifications

Rated voltage	AC 230V
Mains frequency	50-60 Hz
Standby power	0.35 W
Power loss	4 W
Ambient temperature	-5°C/+45°C
Mixed load:	
Ohmic-capacitive	20-420 W
Capacitive-inductive	not permitted
Ohmic-inductive	20-420 VA
Ohmic and HV Lamp	typically 3-100 W
Ohmic and compact fl lamp	typically 3-100 W

			
W 20...420	W/VA 20...420	W 3...100	W/VA 20...100

1. Conventional systems

1.3 Dimmer



Features

- Universal 1-10V dim controller
- Switching capacity 2A
- Ergonomic button
- Natural feeling

	Type	Ref.
	1-10V	Dm0Dxx
	1-10V	Dm0D0Dxx

xx Add the color code at the end for any color you desire.

