

# Zigbee DALI TW Converter with power supply

Item number 57007000



DALI control device for integration of luminaires with DALI interface into a Zigbee 3.0 system. It supports setting the colour temperature for luminaires with DALI device type 8 and type 6 acc. to IEC 62386-209. The device provides one input for connecting a push-button. The installation takes place inside of the DALI luminaire or suspended ceiling. Switch-on and minimum brightness and colour temperature limits can be saved permanently. Configuration and immediate function test via the Prog. button.

## Product features

- › Zigbee Actuator to integrate with existing DALI luminaires in a Zigbee 3.0 system
- › Switch and brightness settings for luminaires with a DALI interface in broadcast mode without addressing
- › Colour temperature settings for luminaires with DALI Device Type 8 or Device Type 6 according to IEC 62386-209
- › Parameterisation via NEXENTRO Config App
- › Updateable via NEXENTRO Config App
- › Installation in luminaires or suspended ceilings
- › Input for connecting a push-button
- › Button and LED for commissioning and functionality tests



## Technical data

<b>Mains voltage</b>	AC 230 / 240 V ~
<b>Mains frequency</b>	50 / 60 Hz
<b>Power consumption</b>	max. 2.2 W
<b>Ambient temperature</b>	-5 ... +45 °C
<b>Storage/ transport temperature</b>	-25 ... +70 °C
<b>Nominal voltage DALI</b>	typ. 16 V
<b>Output current</b>	DT8: 50 mA; DT6: 4 mA
<b>Short-circuit current</b>	DT8: 60 mA; DT6: 5.3 mA
<b>Degree of protection</b>	IP20
<b>Dimensions (LxWxH)</b>	approx. 175 x 43 x 18 mm
<b>Cable length E1</b>	max. 3 m
<b>Number of DALI devices</b>	DT8: max. 25; DT6: max. 2 per output

<b>Zigbee</b>	
<b>Communication protocol</b>	Zigbee 3.0 (Router)
<b>Radio frequency</b>	2.400 ... 2.483 GHz
<b>Transmission capacity</b>	1 mW

<b>Bluetooth</b>	
<b>Radio frequency</b>	2.400 ... 2.480 GHz
<b>Transmission capacity</b>	max. 2 mW, Class 2
<b>Transmitting range</b>	typ. 10 m