

# PRODUCT DATASHEET FLEX CONTROL UNIT REAL-TIME-CLOCK DALI-2 HCL TW

FLEX CONTROL UNIT REAL-TIME-CLOCK DALI-2 HCL TW | Control unit for up-to 32 lights and up-to 4 sensors/pushbutton couplers, integrated real-time clock



## Areas of application

- Single room lighting up to 300 sqm with one control unit
- Up to 4 entrance and exit areas can be manually controlled in a synchronized manner
- Connection of light and presence sensors for automated light control
- RGB and Tunable white applications

#### Product benefits

- Up to 4 groups separately controllable
- BIOLUX Human Centric Lighting for high quality daylight course in office spaces
- Easy Scene creation via App
- Simplified startup thanks to predefined operation modes
- Integrated DALI supply
- Adjustment of all settings via smartphone
- Support of swarm function

## Product features

- DALI-2 certified compact control unit for up-to 32 lights and up-to 4 sensors/pushbutton couplers
- Daytime depending change of brightness and color temperature
- Pushbutton interface to separately control brightness and color temperature
- Integrated clock for time based control of brightness and color temperature
- One DALI output channel (Broadcast or Groupcast)
- Supports DALI DT8 Tunable White driver
- Smart phone connection via Bluetooth to control and configure

- $\,$  Cable length of the DALI control cable: up to 300  $\mbox{m}$
- Length of the pushbutton cable: up to 50 m

## **TECHNICAL DATA**

## Electrical data

Nominal wattage	3.00 W
Nominal voltage	220240 V
Type of current	DC
Input current	22 mA
Mains frequency	5060 Hz
Operating frequency	50/60 Hz

# Dimensions & Weight



Length	119.00 mm
Width	30.00 mm
Height	21.00 mm
Cable cross-section, input side	0.51.5 mm <sup>2</sup>
Wire preparation length, input side	89 mm
Product weight	55.00 g

## Colors & materials

# Temperatures & operating conditions

Ambient temperature range	-20+60 °C	
Maximum temperature at tc test point	70 °C	
Temperature range in operation	-20+60 °C	

# Lifespan

Number of switching cycles	30000
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## Additional product data

Number of control outputs	1
Max. connectable push button couplers / sensors	4
Max. number of connected drivers	32
Commissioning App	App (Android/ iOS)
Light control tool App	App (Android/ iOS)

Groups	4	
Capabilities		
Dimmable	No	
Dimming interface	DALI-2	

Luminaire integration/Independent mounting

## Certificates & Standards

Type of installation

Approval marks – approval	CE
Protection class	II
Type of protection	IP20

# **EQUIPMENT / ACCESSORIES**

- App for iOS and Android available for free in the app store

## DOWNLOAD DATA

	Documents and certificates	Document name	
PDF	User instruction / safety instructions	FLEX CU RTC DALI 2 HCL TW	
PDF	User instruction / safety instructions	FLEX CU RTC DALI-2 HCL TW	
PDF	Extended installation guide	Application Guide FLEX Control Units DALI2	
PDF	Extended installation guide	Application Guide FLEX Control Units DALI-2	
PDF	On-Pack-Info	Privacy Information LEDVANCE DALI CONFIG APP EN	
PDF	On-Pack-Info	Privacy Information LEDVANCE DALI CONTROL APP EN	
PDF	Legal information	Informationstext 18 Abs 4 ElektroG	
PDF	Declarations of conformity	FLEX CU RTC DALI-2 HCL TW	
	OAD /DINA CI		
	CAD/BIM files	Document name	
STEP	CAD STEP 3D	FLEX CU RTC DALI-2 HCL TW	

Tender texts	Document name
Tender documents	DALI-2 CONTROL UNITS REAL-TIME-CLOCK DALI-2 HCL TW-EN

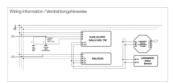
#### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075841925	Folding box 1	160 mm x 35 mm x 40 mm	77.00 g	0.22 dm <sup>3</sup>
4058075841932	Shipping box 25	223 mm x 197 mm x 179 mm	2037.00 g	7.86 dm <sup>3</sup>

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

## ADDITIONAL CATALOG INFORMATION





## References / Links

- For current information see www.ledvance.com/light-management-systems

## **DISCLAIMER**

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.