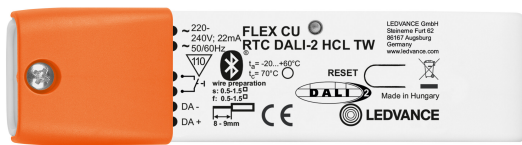


PRODUCT DATASHEET

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 m
- Length of the pushbutton cable: up to 50 m

TECHNICAL DATA

Electrical data

| | |
|---------------------|-------------|
| Nominal wattage | 3.00 W |
| Nominal voltage | 220...240 V |
| Type of current | DC |
| Input current | 22 mA |
| Mains frequency | 50...60 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 | 0.5...1.5 mm ² |
| Wire preparation length, input side | 8...9 mm |
| Product weight | 55.00 g |

Colors & materials

| | |
|---------------|------------|
| Product color | Light grey |
|---------------|------------|

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 |
|----------------------------|-------|

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 |
| Number of control outputs | 1 |
| Type of installation | Luminaire integration/Independent mounting |






Certificates & Standards

| | |
|---------------------------|------|
| 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

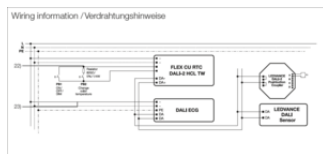
| Documents and certificates | | Document name |
|--|--|--|
|  | User instruction / safety instructions | FLEX CU RTC DALI 2 HCL TW |
|  | User instruction / safety instructions | FLEX CU RTC DALI-2 HCL TW |
|  | Extended installation guide | Application Guide FLEX Control Units DALI2 |
|  | Legal information | Informationstext 18 Abs 4 ElektroG |
|  | Declarations of conformity | FLEX CU RTC DALI-2 HCL TW |

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 ³ |
| 4058075841932 | Shipping box 25 | 223 mm x 197 mm x 179 mm | 2037.00 g | 7.86 dm ³ |

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.