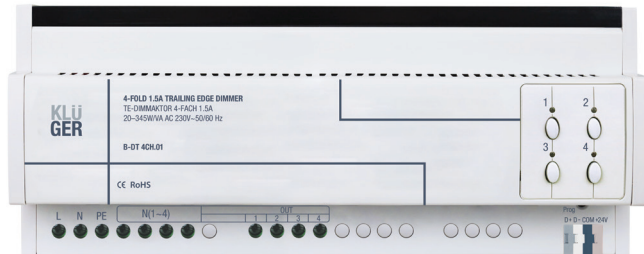


# KLÜGER

## 4-FOLD 1.5A TRAILING EDGE DIMMER TE-DIMMAKTOR 4-FACH 1.5A



### Overview

The B-DT 4CH.01 is a MOSFET dimmer which supports leading edge and trailing edge dimming. Four selectable dimming curves are available, and the module is able to control inductive, resistive, and capacitive loads. Immediate system changes are possible via on-board manual buttons.

Both leading and trailing edge modes are available. The leading edge supports both Inductive loads and resistive loads, while the trailing edge supports capacitive loads and resistive loads.

To prevent damage to the system and unit a variety of protective features are included. When the dimmer has been powered off, it is able to automatically restore the last scene used when powered on again.

### Technical Details

|   |  |
|---|--|
| AC power input                          | AC110/240V                                       |
| Working power                           | DC12~30V   |
| Power consumption                       | 25mA/DC24V                                       |
| Output channel                          | 4CH/1.5A   |
| Maximum output channel current in total | 6A   |
| Dimming mode                            | Leading edge, trailing edge                      |
| Dimming curves                          | Linear, 1.5 exponent, 2.0 exponent, 3.0 exponent |
| Working temperature                     | -5°C~45°C  |
| Working relative humidity               | Up to 90%  |
| Storage temperature                     | -20°C~+60°C                                      |
| Storage relative humidity               | Up to 93%  |
| Dimensions                              | 216×90×66 (mm)                                   |
| Weight                                  | 901.5(g)   |
| Housing material                        | Nylon, PC  |

|                       |   |
|-----------------------|---|
| Installation          | 35mm Din Rail installation                  |
| Protection degree     | IP20  |
| Power cable           | AC in: 2.5mm <sup>2</sup> ~4mm <sup>2</sup> |
| Load cable            | 1.5mm <sup>2</sup> ~2.5mm <sup>2</sup>      |
| Installation Position | Distribution box (DB)                       |
| CE, RoHS, UL Approved |   |

### Features

- Each output channel has LED indicator for status and manual switch
- Maximum 4 separate areas, and maximum 12 scenes can be set for each area
- Maximum 6 sequences, and 12 steps for each sequence
- Low Threshold, High Threshold, Maximum Threshold are all available for each channel
- You can select specified scene or scene before power off when the device restarts
- Short circuit and over heat protection
- 4 selectable dimming curves

### Safety Instructions

- Current in each channel should not exceed 1.5A
- The screw down torque should not exceed 0.4Nm.
- The actuator should be installed inside the Distribution box.
- Wrong connections on the bus interface will damage it.
- Never let liquids get into this actuator, it will damage this device.
- Do not allow AC power into the Bus interface, it will damage all the devices in the system.
- Do not let the actuator come into contact with liquids or corrosive gases.
- Ensure good ventilation.

### Installation

