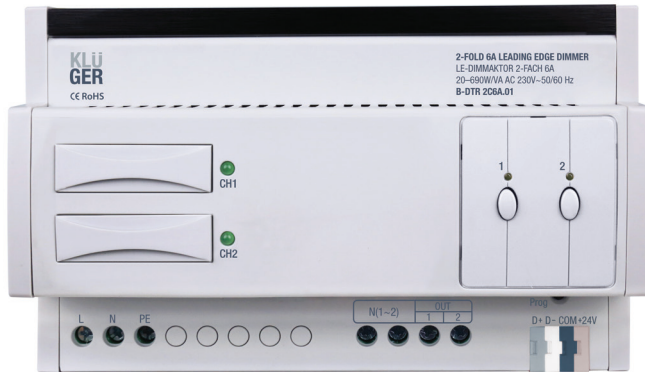


# KLÜGER

## 2-FOLD 6A LEADING EDGE DIMMER LE-DIMMAKTOR 2-FACH 6A



### Overview

The B-DTR 2C6A.01 supports leading edge TRIAC dimming and has four selectable dimming curves. Both inductive and resistive loads can be controlled, as can capacitive loads like LED drivers, and electronic ballasts which use leading edge TRIAC dimming. Immediate controlling is possible via two on-board manual buttons.

The system uses replaceable fuses to protect against the short circuiting of loads, and accidental over load. LED status indicators are also able to pinpoint where any short circuits occur, this facilitates swift repairs and easy maintenance.

With the ability to bypass the main control interface, and manually control each channel, this unit gives an end user the ability to switch the dimming controller on & off.

### Technical Details

Working power	DC15~30V
Bus Power consumption	28mA/DC24V
Output channel	2CH/6A
Maximum output channel current in total	10A
Fuse	12A
TRIAC	25A TRIAC, Minimum Load 40w
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	144×90×66 (mm)

Net weight	709.5(g)
Housing material	Nylon, PC
Installation	35mm DIN rail installation
Protection rating	IP20
Power cable	AC in: 2.5mm <sup>2</sup> ~4mm <sup>2</sup> Load: 1.5mm <sup>2</sup> ~2.5mm <sup>2</sup>
Installation Position	Distribution Box (DB)
CE, RoHS, UL Approved	

### Features

- Up to 2 separate areas; max 12 scenes for each area
- Up to 6 sequences and each sequence has 12 steps
- 4 Dimming curves, with a dimming accuracy of 512 steps
- Low, high, max threshold for each channel
- Bypass button for manual control available for each channel
- You can select specified scene or scene before power off when the device restarts
- Short circuit and overheating protection
- Max 6A for each channel, 12A fuse in each channel for protection (aR type)

### Safety Instructions

- The load must be suitable for leading edge (TRIAC) dimming
- The fuse to replace the broken one must be of the same type (aR type)
- Power off the dimmer while replacing the fuse.
- 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

