

DIMLITE multifunction 4ch

Wielofunkc. urządzenie sterujące DALI/DSI

Nr art. 22161824

Zastosowanie

The DIMLITE 4ch is a digital lighting control unit for controlling 4 independent luminaire groups. The outputs automatically set themselves to DSI or DALI depending on the actuators that are connected. A built-in relay provides optional voltage isolation for the actuators. Each luminaire group can be operated as standard using a conventional 230V double momentary-action switch, which can be bridged for single-switch operation. Another dual momentary-action switch acts on all connected actuators across the groups (4-ch unit only). In addition, a conventional 230V motion sensor can be connected. The individual momentary-action switches are used to configure a lighting scene, which can be retrieved and saved via a separate switch. System expansion is possible via the universal input 'Control-IN':

- ED-SENS: PIR sensor + receiver for wireless IRTOUCH infrared remote control
- ED-IR: receiver for wireless IRTOUCH infrared remote control
- ED-EYE: light sensor for daylight-based control
- ED-SxED: input module for 4 independent momentary-action switches (floating contacts) either to call up 3 lighting scenes or to control the lighting level of the connected luminaire groups. (configurable by switch setting)
- ED Circle control point: for convenient control of the first two luminaire groups and for programming/retrieving three lighting scenes.

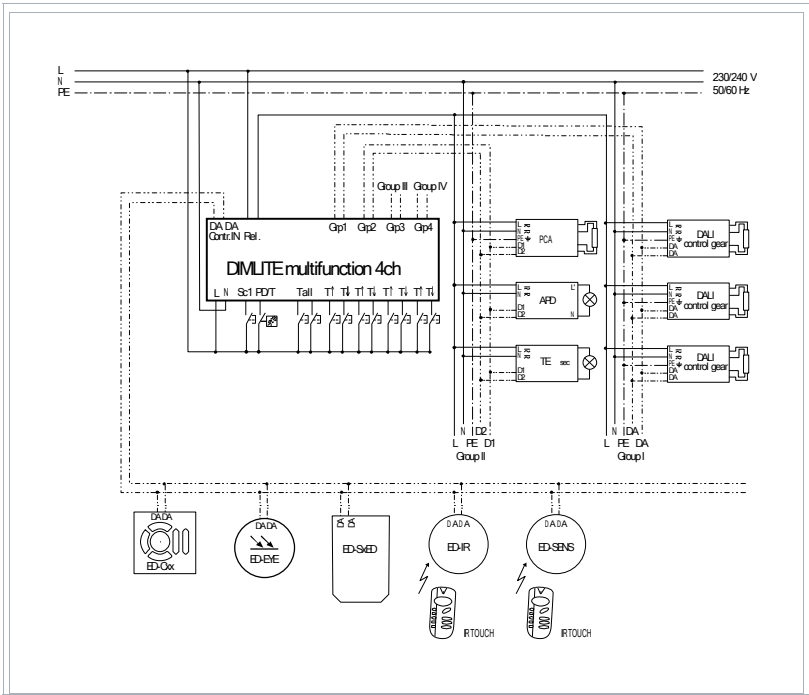


Wskazówki dotyczące planowania

- AUTO setup function: the installation initialises automatically whenever the voltage across the unit is restored.
- Maximum line length for all control lines (Control-IN, DALI and DSI): 300 metres max. per line for 1.5mm².
- The DIMLITE outputs are DALI or DSI broadcast – no addressing needed during commissioning. The group assignment is made by the wiring of the lighting actuators.
- Up to 25 DALI devices or 50 DSI devices per output channel.
- Where there is a mix of DALI outputs and DSI outputs, up to 25 devices per output channel.
- The automatic DALI/DSI identification function means that the luminaires must already be connected to the voltage supply when the DIMLITE unit is commissioned.
- Only ED devices from Zumtobel can be connected to the Control-IN. Up to 8 ED devices can be connected to Control-IN (except light sensor: 1 device maximum).
- ED-SENS PIR sensor can be assigned to individual groups using IR remote control.
- Scene and daylight settings made using key combinations.
- When a light sensor is connected, lighting scene 1 always runs the daylight program; all installed groups are always operated under daylight-based control.
- Up to 3 lighting scenes depending on control point; each control point always calls the same scene 1, 2 3 or OFF.
- The function of the "ED-SxED" ED unit can be selected via the built-in rotary switch: either a scene module (1, 2, 3, OFF) or group module (dimming of group 1, 2, 3, 4).
- Circle control point calls three lighting scenes plus OFF; the two rocker switches dim lighting group 1 and 2; lighting group 3 and 4 cannot be dimmed separately.

- **Dimming:** DALI/DSI broadcast 230V momentary-action switch control: ON/OFF: short press on switch to 1+ or 1-; ON/OFF: the motion sensor switches the lighting system both on and off again; ON+CORR: the lighting installation always runs in reduced continuous mode (10%); long press on switch to 1+; INCREASE lighting level... long press on switch to 1-; DECREASE lighting level... long press on switch to 1-; Single momentary-action switch control: ON/OFF: short press on switch; INCREASE/DECREASE lighting level: long press on switch (dimming direction changes each time switch is operated)
- The LED on the housing is solidly green when the installation is operational. When it is flashing green, the system is in the process of initialisation. The LED flashes red in the event of a fault.
- The test button on the unit can be used to check that the luminaires are installed correctly. Pressing the test button briefly switches all connected luminaires to 100 %.

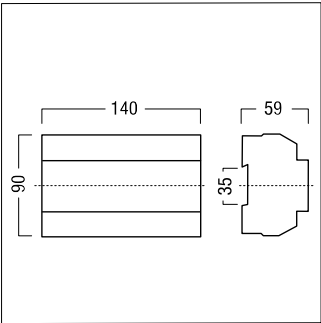
Schemat połączeń



Wskazówki dotyczące montażu i instalacji

- For installation in control cabinets on 35mm DIN rail as per EN 50022.
- Light sensor installation: surface-mounted on ceiling pointing towards window.
- The DALI/DSI/Control-In control lines must be installed as a functional extra-low voltage installation. We recommend using standard installation parts (2 x 0.75mm² - 2 x 1.5mm², NYM).
- The polarity of the DALI/DSI/Control-In control lines is interchangeable.
- The mains supply is connected directly to the L and N terminals without relay switching.
- The inputs for the standard momentary-action switches can be connected in parallel with several switches if required.
- All connected input devices (T1 to T4, Tall, PIR, Scene) must have the same phase.

Rozmiar



Tabliczka znamionowa/podłączenia

