

LUMiNODE SDM-DIG-IP

Ordering code: LMNDIGIP

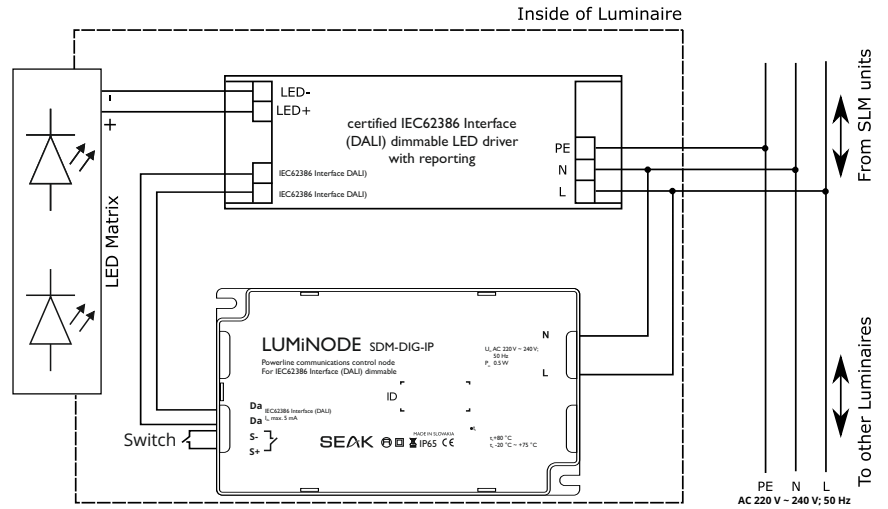
The LUMiNODE SDM-DIG-IP module is designed for two-way communication of luminaires with a two-way bus driver compatible with IEC62386 interface (known as DALI) and the control unit over the powerline. The module acts as converter between the QM-50-SSI3 and IEC62386 Interface (DALI) protocols. It allows you to define lighting schedules along with different intensity levels, lag and fade time to be used when motion is detected (switch on).

Features

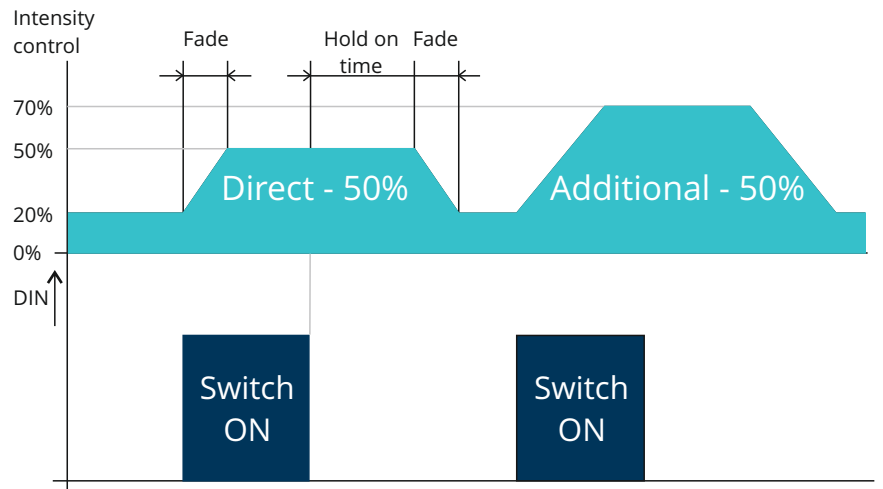
- ✓ Two-way powerline communication QM-50-SSI3
- ✓ Lighting control in real time
- ✓ Autonomous lighting control
- ✓ Ability to mass upload a new schedule in groups
- ✓ Setting the control intensity levels according to DIN input switching
- ✓ Regulation from 0 to 100%
- ✓ Both output buses are galvanically isolated from the input
- ✓ Can control up to 2 drivers with IEC62386 interface (known as DALI)

Parameter	Value
Input voltage	AC 220 V ~ 240 V; 50 Hz
Consumption	0,5 W
Communication interface	2-way powerline QM-50-SSI3
Output	2-way IEC62386 Interface (DALI) for one slave
Communication distance	up to 5000 m
Protection class	II.
IP rating	IP65
Dimensions (LxWxH)	123x70x16,5 mm
Weight	196 g
Operating ambient temperature	-20 °C ~ +75 °C
Case temperature	+80 °C
Max. wire size	0,2-0,75 mm ² solid/stranded
Compliance with	EN 61 347-1, EN 61 347-2-11, EN 55 015, EN 61 000-3-2, EN 61 547, EN 61 000-3-3

Wiring diagram



Setting the control intensity levels according to DIN input switching (motion sensor)



- ✓ Direct - increase the level to to the selected % of the intensity level
- ✓ Additional - add the selected % of intensity level to existing level
- ✓ Hold on time (s) - hold intensity level after DIN impulse ends
- ✓ Fade step (ms) - lenght of transition between two intensity levels