

Technical Datasheet

KNX MultiLight DALI

Art.no.: 44002



KNX MultiLight DALI

- Suitable for all suspended lighting fixtures
- Temperature controller
- Constant lighting controller
- Integrated KNX / DALI gateway
- Binary input

KNX MultiLight DALI includes one channel KNX/DALI gateway for up to 8 EVGs, one binary input and terminals for local sensors and user panel. Functionality with complete thermostat controller for heating and cooling, constant lighting control, logic, comparator and timer. Up to 4 channels movement sensor for controlling light, temperature and ventilation.

Terminals for local sensors make it possible to connect sensor 42001 to get movement and brightness sensing. For temperature sensing and manual adjustment, it can also be connected to the user panel 430xx.

44002 KNX MultiLight DALI

Accessories for KNX MultiLight

42001 2Sense ML mini, movement / lux

43000 Reed ML free, basic

43001 Reed ML free, temperature

43011 Reed ML free, temperature / blinds

43021 Reed ML free, temperature / lights

44900 MultiLight Cover set for 44002, IP20, white

44901 MultiLight Extension cable, 20 cm, black

44902 MultiLight Adapter cable Pico – RJ45, 20 cm, black

44910 Combo cable 3x0.75mm²/KNX, white

44912 Prefabricated combo cable 3x0.75mm²/KNX, Free end 2m, white

44913 Prefabricated combo cable 3x0.75mm²/KNX, Free end 3m, white

44915 Prefabricated combo cable 3x0.75mm²/KNX, Free end 5m, white

44922 Prefabricated combo cable 3x0.75mm²/KNX, Wago 2m, white

44932 Prefabricated combo cable 3x0.75mm²/KNX, Wieland 2m, white

Technical data

KNX MultiLight DALI		
Power	• Operating voltage, Main	230V AC 50Hz
	• Operating voltage, KNX	21...30 V DC
	• Power consumption, KNX	Normal 10mA / Peak 15mA
Outputs	• DALI output	Broadcast / 4 Groups
	• Numbers of EVGs	8
Inputs	• Number of inputs	1
	• Polling voltage Un	2V
	• Sensing current In	1mA
	• Permitted cable lengths	2 m
Connections	• KNX	Via connection terminal without screws
	• Load current circuits	Via connection terminal without screws
	• Inputs	Via connection terminal without screws
	• Wiring	0.5-1.5 mm ²
	• Terminal for local sensor	4-pole plug Pico
Movement detector	• Detection area at floor (diameter)	4 m
	• Installation height	2 m
Operating and display elements	• LED	KNX Learning mode
	• Switch	KNX Learning key
Housing	• PC + ABS (antimony-, chlorine- and bromine-free flame retardant)	
KNX voltage	• SELV 29V DC (safety extra low voltage)	
DALI voltage	• ELV 16V DC (extra low voltage)	
Temperature range	• Operation	+5 °C ... +45 °C
	• Storage	-25 °C ... +65 °C
	• Transport	-25 °C ... +65 °C
Design	• Dimensions (H x W x D)	22 x 30 x 185 mm
Approvals	• EIB / KNX EN 50 090-2-2	Certification
CE mark	• In accordance with the EMC guideline and low voltage guideline	



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