

B

- C

D

E

- F

0,5-2,5 mm²

5-6 mm

	2.5 mm ²	1.5 mm ²	1 mm ²	0.75 mm ²	0.5 mm ²
6,2 Ω max.	300 m	300 m	180 m	130 m	80 m

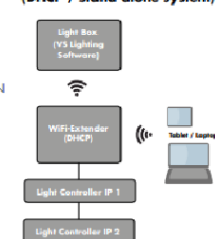
- Ime



The LightBox DHCP server manages the tasks performed by up to five Light Controllers IP/DALI 2CH and is pre-configured for plug-and-play operation.

- Mains switch for powering up the LightBox DHCP
- Indicator: blue status LED on the upper side
- The LightBox DHCP connects automatically to the Wifi extender after switching on.
- Connections:
LightBox DHCP <-> Wifi Extender via Wifi
Wifi Extender <-> Light Controller IP/DALI 2CH via LAN
- Via Wifi, configuration is possible using a laptop or tablet.
- Warranty: 2 years

- Mains switch
- Mains connection with power supply unit
- RJ45 connection (Ethernet)
- 3 x USB
- HDMI output



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graph TD
    A[Company Server  
DHCP Server  
(VS Lighting Software)] --- B[Light Controller IP 1]
    B --- C[Light Controller IP 2]
  
```

Type	Suitable for	Ref. No.	Max. No. of Light Controller IP/DALI 2CH per LightBox DHCP (pcs.)	Dimensions (LxWxH) mm	Weight g
LightBox DHCP	pre-configured as a stand-alone system	186513	5	127x127x45	600

Optional: Access Point for operating elements

- Network-compliant:
 - Intelligent networking of DALI devices
- Lighting control:
 - 3 level motion detection (automatic and semi-automatic)
 - Constant light control
 - Intelligent day- and time-dependent switching functions
 - Astro function
 - Scene settings
 - Push function (on/off, up and down)
 - Chain command (push button-controlled sequence of commands)
 - Dimming (only up or only down)
 - ON function, OFF function
 - light value
 - Stairway function (timer)
 - Retrieval of various sensor-gauged values
 - Logic functions

- Push-key and operating element:
 - Classic push buttons
 - Touch4Light
 - Tablet
 - EnOcean
 - DALI buttons
- Documentation:
 - Device documentation
 - Save/Load
 - Automated error detection (email report)
 - User accounts (password protection)
- Language:
 - German
 - English
 - Further language on request
- Further functions:
 - Minimising standby losses
 - Intelligent device exchange

Ime datoteke:	Investitor:	Objekt:	Odgovorni vodja projekta:	Ident. številka:	Podpis:	Vrsta projektna dokumentacije:		Merilo:
Datum: 8/2019	OBČINA LAŠKO MESTNA ULICA 2 3270 LAŠKO	RAZSVETLJAVA NOGOMETNEGA STADIONA SPODNJA REČICA, LAŠKO	Rok ŽEVART, univ.dipl.inž.arh.	ZAPS A-1367		PZI		/
 ADESCO, družba za energetske in IT rešitve, d.o.o. Kardeljeva cesta 37a 5320 Velenje, Slovenija (EU) E: info@adesco.si W: www.adesco.si			Odgovorni projektant: Jure BOČEK, univ.dipl.inž.el.	Ident. številka: IZS E-1853	Podpis:	Vrsta načrta: 4. NAČRT EL. INŠTALACIJ IN ELEKTRIČNE OPREME Razsvetljava, moč, šibki tok, ozemljitve in strelivo	Številka projekta: 7/2019 Številka načrta: E-7/2019	/
	Naročnik: OBČINA LAŠKO	Vrsta gradnje: INVESTICIJSKO VZDRŽEVANJE	Projektant: Marko BOČEK, elektrotehnik	Ident. številka: /	Podpis:	Vsebina risbe: NAVODILA – SISTEM DALI	Številka risbe, list/listov: F-6. 1/2	Revizija: /

Light Controller IP/DALI 2CH

For installation in a distribution board

This light control gear is designed for installation in a distribution board.

Technical notes

Configuration interface: via browser via tablet/PC
Ambient temperature t_a : 5 to 45 °C
Push-in terminals with lever opener: 0,5-2,5 mm²
Degree of protection: IP20, Protection class I
RFI-suppressed

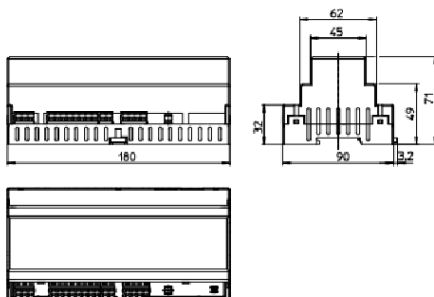
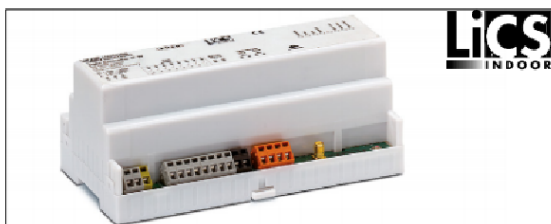
The MultiSensors and DALI push-button interfaces are connected directly to the DALI bus.

Connections

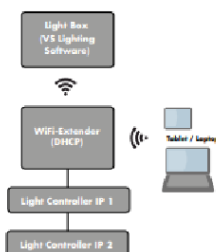
- Mains connection: 220-240 V AC, 50-60 Hz
- Max. power consumption: 12 W
- 2xRJ45 (Ethernet TCP/IP) 10/100MB/s, Daisy Chain
- 1 DALI bus: max. current on DALI bus = 200 mA (see the respective data sheet for current consumption of individual components)
- As a standard DALI bus is not SELV-compliant, the DALI cable must be rated for mains voltage.
- The DALI bus features reversible electronic overload and short-circuit protection.
- 8 independently configurable push button inputs, cables must be rated for mains voltage
- Minimising standby losses

Software download

See product page under www.vossloh-schwabe.com

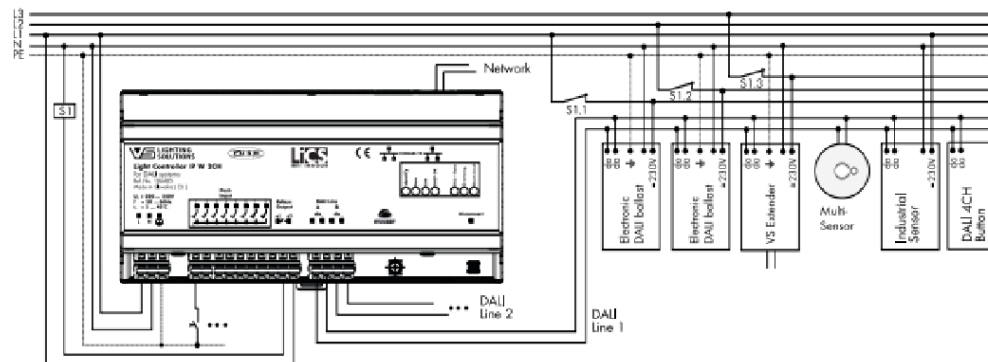


System architecture



Light Controller	Ref. No.	Max. No. of operating devices pcs./controller	No. of MultiSensors or DALI push-button interfaces (pcs./controller)	EnOcean	Dimensions (LxWxH) mm	Horizontal pitches (hp)	Weight g
IP/DALI 2CH	186484	2x64/128	2x36	no	180x90x71	10	340
IP/DALI W 2CH	186485	2x64/128	2x36	yes	180x90x71	10	340

Circuit diagram of Light Controller IP/DALI 2CH



Technical details Light Controller IP/DALI 2CH

Light Controller	IP/DALI 2CH	IP/DALI W 2CH
Ref. No.	186484	186485
Supply voltage	220-240 V AC, 50-60 Hz	
Power consumption	12 W	
Ambient temperature t_a	5 to 45 °C	
DALI output (da+)	2 x max. 200 mA current drain	
No. of operating devices (DALI-EBs, LICSExtender, HB sensors)	max. 2 x 64 pcs. per Controller (expandable with the Extender)	
No. of MultiSensors or DALI push-button interfaces	max. 2 x 36 pcs.	
RF input	—	Antenna for a reception range of 868 MHz
Wireless modules	—	All radio buttons with PT radio sensors by EnOcean with 868 MHz
No. of wireless modules	—	max. 16 pcs. with up to 4 buttons
Relais (Output a1, a2)	250 V, max. 3 A ohmic load	
Push inputs 1-8	220-240 V AC, 50-60 Hz	
Degree of protection	IP20	
Protection class	I	
Weight	340 g	
CE requirements	EMC in acc. with EN 61547, RFI in acc. with EN 55015, Safety in acc. with EN 61347-2-11	

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ADESCO, družba za energetske in IT rešitve, d.o.o. Koroška cesta 37a 3320 Velenje, Slovenija (EU) E: info@adesco.si W: www.adesco.si	Naročnik: OBČINA LAŠKO	Vrsta gradnje: INVESTICIJSKO VZDRŽEVANJE	Odgovorni projektant: Jure BOČEK, univ.dipl.inž.el.	Ident. številka: IZS E-1853	Podpis:	Vrsta načrta: 4. NAČRT EL. INŠTALACIJ IN ELEKTRIČNE OPREME Razsvetljava, moč, šibki tok, ozemljitve in strelavo	Številka projekta: 7/2019
			Projektant: Marko BOČEK, elektrotehnik	Ident. številka: /	Podpis:	Vsebinska risba: NAVODILA – SISTEM DALI	Številka risbe, list/listov: E-6, 2/2