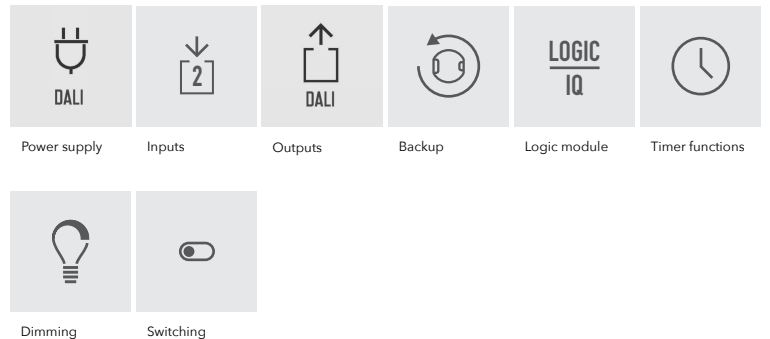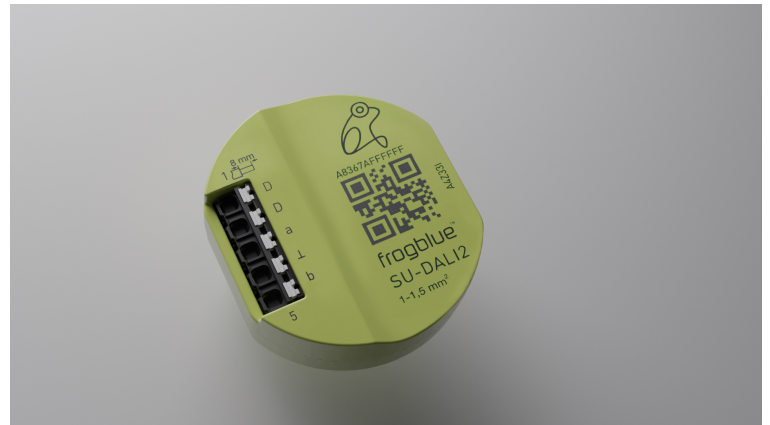# frogblue™

frogDALI

Frogblue bridge for connection to the DALI system enables integration and control of DALI lights. This allows existing systems to be expanded with frogblue or DALI lights which can then be integrated into the frogblue system.

Power supply	Inputs	Outputs	Backup	Logic module	Timer functions

Dimming	Switching

Technical Data

Category

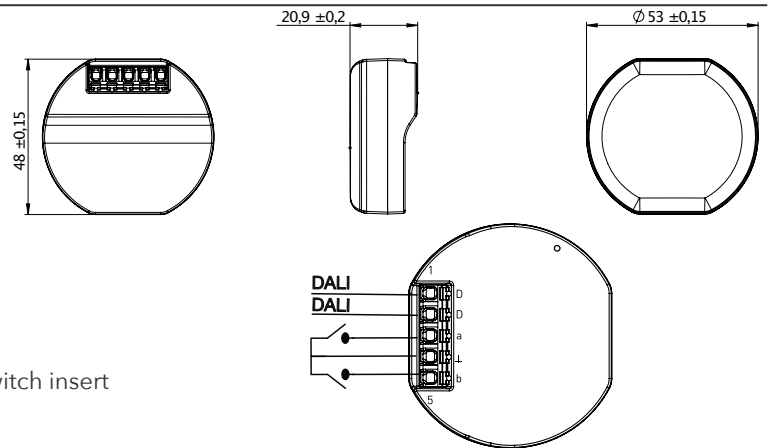|	
Article designation	frogDALI
Article number	SU-DALI2.01
Assembly type	Recess-mounted (in device socket according to DIN 49073)

Functions and power

Broadcast for provisioned and unprovisioned devices

Control of a maximum of 6 devices and groups with individual parameters

* Control of up to 64 devices and 16 groups with global parameter sets

Supports DALI/DALI2 standard

Parameterizable switch-on and switch-off behaviour

Comfort and timer functions

Integrated configuration backup

Configuration of lamp parameters via external tools (e.g. DALI Cockpit)

Power supply via DALI power supply unit

Color parameters will be supplied via software update

frogDali

Dimensions and weight

Dimensions (L x B x H): 53 x 48 x 20,9 mm

Weight: 20 g

20,9 ±0,2

48 ±0,15

⌀ 53 ±0,15

Connection example:

DALI
DALI

Socket depths   min. 53 mm for installation behind switch insert

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Electricity supply	
Mains voltage DALI	9,5 V – 22,5 VDC
Current consumption	8 mA @ 16V, max. 10 mA
Stand-by consumption	< 150mW

Inputs	
Quantity	2
	Galvanically isolated circuit, for connecting potential-free contacts (switches, buttons, relays). Self-supply (2V / max. 1mA) or low voltage contacts max 30V AC (50 V DC)

Outputs	
Groups	6 (16)*
Electronic ballast	6 (64)*

Network	
WLAN	No
Bluetooth®	Bluetooth® 4.2 Low Energy
Frequency range	2400-2483,5 MHz max. -0,2 dBm
Typical radio open field range	30 metres

Operation and storage	
Ambient temperature	-25°C to +55°C
Storage temperature	-25°C to +70°C
Air humidity (during operation)	(Non-condensing)
Protection category	Conforms to IP20

Power connection	
Connection type	Spring-type terminal (single wire)
Wire cross section	1 - 1,5 mm² (rigid conductor recommended)
Stripping length	8 mm
Special feature - *not compatible with:*	*DT6 and DT8*

Packaging	
Packaging size	1 unit, 10 units
EAN 1 unit	4260578531283
Packaging dimensions (L x B x H) 1 unit	75 x 30 x 75 mm
Weight including packaging / cables 1 unit	32 g

Further information
www.frogblue.com