User manual

document version 1.0 for FW from 1.0

DALIrsw

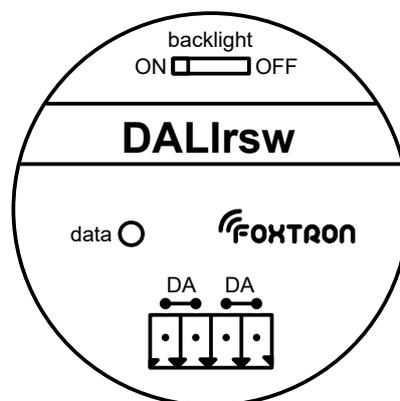|	
	Universal DALI rotary switch
	Infinite rotation and press
	Control groups, addresses or broadcast
	Powered from the DALI bus
	Led indicator
	Optional backlight
	Installation in the KU68 box
	Compatible with ABB cover lines Tango, Future Linear, Swing, Element, Levit, Neo (covers are not included)

DALIrsw is a universal rotary knob for the DALI bus. The function is adjustable by the DALIconfig program, which is free to download on the website www.foxtron.eu

Technical specification		
Bus	DALI / DALI2	
Power consumption (from DALI)	4	mA
Wires cross section	0,5	mm^2
Ingress protection	IP20	
Ambient working temperature	0 ÷ 50	°C
Storing temperature	-10 ÷ 70	°C
Weight	50	g

Signaling	
data	The flashing LED indicates that messages are being sent or received on the bus

Clamp connection	
designation	*description*
DA/DA	sběrnice DALI, dva vodiče vzájemně záměnné

Backilight

The backlight switch allows you to optionally turn on the soft backlight of the DALIrsw fingerboard to make the button easier to find at night.

Function

The DALIrsw rotary knob is user-programmable. The settings are made by the DALIconfig program, which is available for free download at www.foxtron.eu via the DALI232, DALInet or DALI2net converter.

Extended functions - DALI2+

The DALIrsw rotary switch can directly control the lights on the DALI bus. Depending on the settings, the control can be broadcast, group or directly to one address. One of two modes **Last value** or **Preset value** with slightly different functionality can be set for control.

Press of the pushbutton

When the lights are on, it switches them off.

When the lights are off, it turns them on.

Mode	Light level to which it is switched on
Last value	The lights are turned on to last level before switching them off.
Preset value	The lights are turned on to the value that was stored with a long press

Long press

In **Preset value** mode, if the lights are not currently off, the current light level value will be stored and a short press will illuminate to this preset value.

In **Last value mode** or if the lights are currently off, it will light up to the maximum value.

A long press on the button is considered when holding the button for more than 2 seconds.

Rotating the switch

Rotating to the right adds brightness to the lights. When the lights are off, they turn on. Rotating to the left reduces the brightness of the lights to the minimum brightness. A short press is required to switch them off.

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parameter	description	Factory setting
Enable operation	Enables or disables lighting control	Enable
Controlled address	Address of controlled lights • Bcast – all light on the bus • Group – group of lights • Address – single light	Bcast
Control mode	Light control mode selection • Last level – illumination to the last set value • Preset level – illumination to preset level	Last level
Preset DAP level	Preset light level to which it is turned on by a short press.	254
Min level	For proper operation, it is necessary to set the value of the minimum lighting level, which is set in the ballast.	85
Max level	For proper operation, it is necessary to set the value of the maximum lighting level, which is set in the headlights.	254

backlight
ON OFF

DALIrsw

data

DA   DA

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