

# User manual

version 1.0

## DALIdim5



Universal dimmer

DALI or SwitchSet control

Suitable for R,L,C loads

Input voltage 110 – 240V,50-60Hz

Maximum load 5A

Output level and fault indication

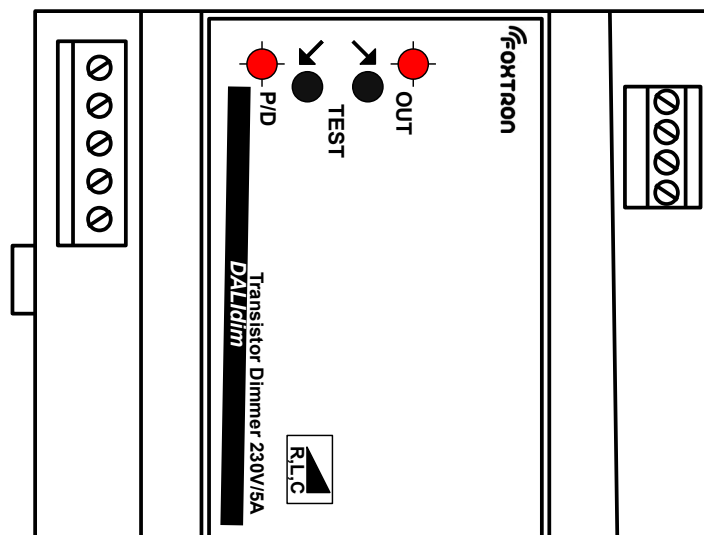
Ongoing communication indication

DIN rail mount (4 modules)

Overload and short circuit protection

Technical specification		
Control options	DALI, SwitchSet (voltage control ~230V)	
Dimming options	Phase regulation - leading or trailing edge	
Working frequency	50-60Hz	Hz
Input voltage	AC 110 – 240	V
Maximum output current	5	A
Wires cross section (DALI)	0,08 – 1,5	mm <sup>2</sup>
Wires cross section (power supply, load)	0,2 – 2,5	mm <sup>2</sup>
Ingress protection	IP20	
Ambient working temperature	0 ÷ 50	°C
Storage temperature	-10 ÷ 70	°C
weight	215	g
Galvanic isolation DALI	SELV	

Indication	
Out	Output level (stepless dimming)
P/D	It is lit continuously and goes out when receiving a message on the DALI bus



### Function

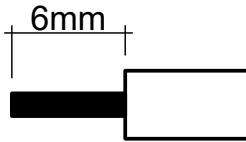
DALIdim is a universal dimmer for resistive (leading / trailing edge), inductive (leading edge), or capacitive (trailing edge) load. Switching between the leading edge and the trailing edge is either automatic or manual. The edge at which it is just dimmed can be detected by briefly pressing both buttons on the front panel. If the LED P / D goes out, it is

a trailing edge. If the P / D LED remains lit, it is a leading edge. Switching between individual

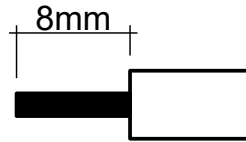
### Terminals connection

#### Wire preparation

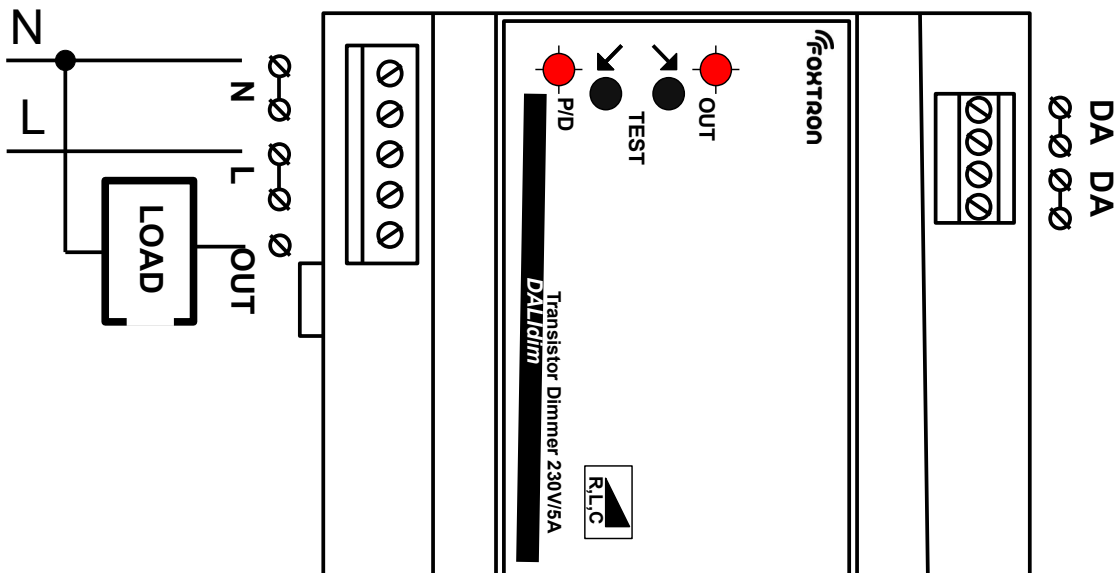
DALI:



Input, Output



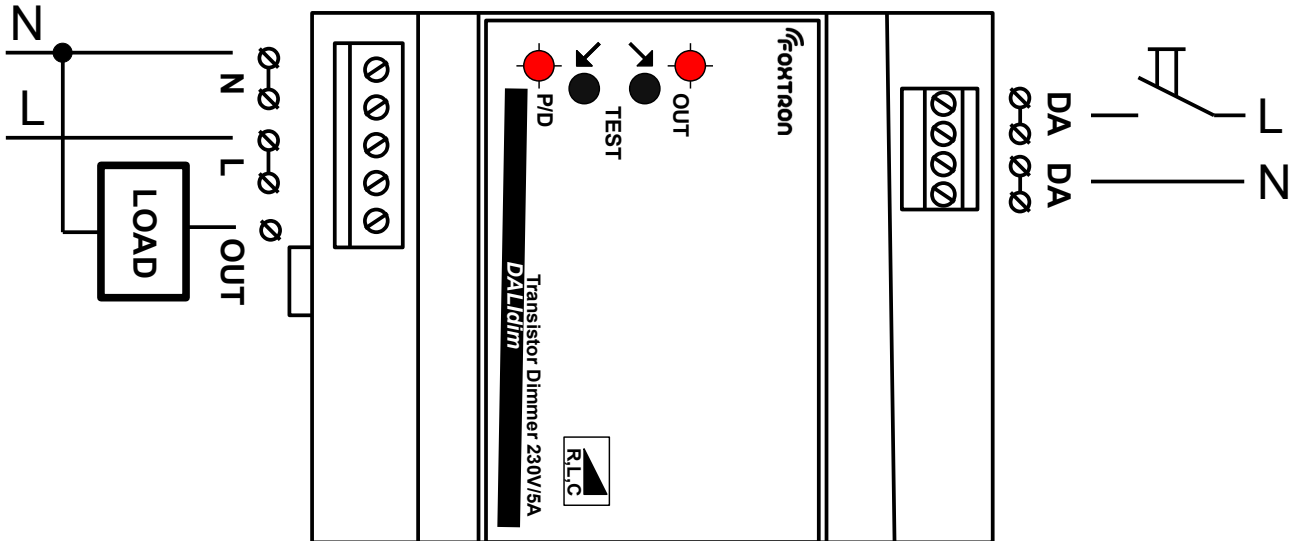
### DALI bus control



#### Terminals description

DA	DALI bus (no matter the polarity)
L	Live 110-240V AC
N	Neutral 110-240V AC
OUT	output L with phase regulation

SwitchSet control



<i>Terminals description</i>	
DA	Control Voltage ~230V
L	Live 110-240V AC
N	Neutral 110-240V AC
OUT	output L with phase regulation

<i>SwitchSet</i>		
<i>Control</i>	<i>Default status</i>	<i>Function description (new status)</i>
Short press	OFF	On to the preset value. The value is being preset by long press.
	ON	Off
Long press	OFF	Slowly lighting up. Time to maximum state is 3s.
	ON	Slowly lighting up or dimming down. Lighting and dimming alternates with every other long press. Time to maximum state is 3s.

Dimensions (in mm)

