

EXPANDER FM PS DALI-2

Item number	GTIN
EP10429927	4015120429927



Product description

DALI-2 expander with integrated bus voltage supply (25 mA, guaranteed) for the control of additional DALI-2 control gear via a DALI address. Suitable for installation in flush-mounted boxes. On the secondary side, the DALI-2 expander provides broadcast forwarding of the DALI commands received from the primary DALI line. A separate DALI power supply is not required. The bus lines before and after the expander are galvanically isolated from each other. Several expanders can be used in parallel in a DALI line.

Technical data

GENERAL	
Device category	Repeater, Control gear
Conformity	CE, RoHS, WEEE, EAC
Warranty	3 years
ATTACHMENT	
Installation type	Installation in recessed/surface-mounted boxes/lights
Installation position	Box
Type of connection	Push terminal
Connectable wire cross section	0.5 - 1.5 mm ²
Number of contacts	6
HOUSING	
Dimensions	Length 59 mm x Width 33 mm x Height 15 mm
Weight	20 g
Protection type	IP20
Permissible ambient temperature	-20 °C...+55 °C
Relative humidity	10 - 90%, non-condensing

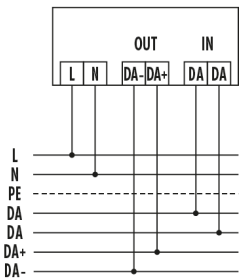
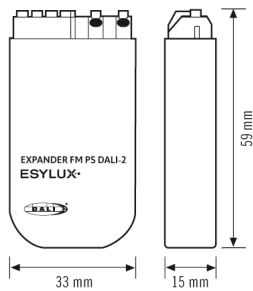
Colour	light grey
ELECTRICAL VERSION	
Control system	DALI-2
Protection class	II
Nominal voltage	120 - 240 V ~ / 50 - 60 Hz
Output voltage	12 - 20.5 V DC
Output current	25 mA
No load current DALI	2 mA
Peak current DALI	2 mA
Power consumption	3 W
Power consumption	10 mA
AUTOMATION	
Bus voltage	9,5 - 22,5 V DC
Short-circuit-proof	✓
Output voltage_max	20.5 V
Output current	25 mA

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Dimension drawing

Circuit diagram



Standard operation.

Detailed product description

- DALI-2 expansion module (expander) for the controller of additional DALI-2 control gear via a single DALI address
- Suitable for installation in flush-mounted boxes
- Broadcast forwarding of the received DALI commands to the secondary DALI line
- Integrated DALI bus power supply (25 mA, guaranteed)
- The bus lines before and after the expander are electrically isolated from each other.
- Several expanders can be used in parallel in a DALI line.