

PRODUCT DATASHEET

REPEATER DALI-2 RAIL MOUNTING

REPEATER DALI-2 RAIL MOUNTING | DALI line expansion with integrated Bus power supply



Areas of application

- Big buildings with long cable distances to luminaires of more than 300m
- Integration of additional DALI devices into DALI systems

Product benefits

- Over temperature protection for save operation
- Supports over voltage protection for long product lifetime
- Protects the device's output circuit in case of failures
- Integrated Push DIM function
- Compatible with LEDVANCE VIVARES DALI light management system

Product features

- Installation in electrical cabinets on DIN Rails
- Integrated DALI Power supply for up to 90 DALI drivers
- Enables simple extension of DALI wire length
- Behaves like a DALI ballast with a DALI address
- Plug&Play for DT6 and DT8 applications

TECHNICAL DATA

Electrical data

Nominal wattage	5.30 W
Nominal voltage	230 V
Type of current	AC
Input current	40 mA
Nominal output current	200 mA
Mains frequency	50...60 Hz

Dimensions & Weight



Length	98.00 mm
Width	17.50 mm
Height	56.00 mm
Cable cross-section, input side	0.5...2.5 mm ² 1)
Cable cross-section, output side	0.5...2.5 mm ² 2)
Wire preparation length, input side	7.0 mm
Wire preparation length, output side	7.0 mm
Product weight	50.00 g

1) Solid wire: 0.5...2.5 mm² / Flexible wire: 0.5...1.5 mm²

2) Solid wire: 0.5...2.5 mm²

Colors & materials

Product color	Grey
Body material	Polycarbonate (PC)

Temperatures & operating conditions

Ambient temperature range	-20...+55 °C
Maximum temperature at tc test point	75 °C

Lifespan

Number of switching cycles	5000
----------------------------	------

Additional product data

Product remark	Available from December 2025
Number of control outputs	1
Max. number of connected drivers	90

Capabilities

Dimmable	Yes
Dimming interface	DALI-2
Overheating protection	Reversible
Short-circuit protection	Reversible
Type of installation	Rail mounting
Reverse polarity protection	Yes
Over voltage protection	Yes

Certificates & Standards

Standards	CE / UKCA
Protection class	II
Type of protection	IP20

LOGISTICAL DATA

Temperature range at storage	-20...+75 °C
------------------------------	--------------

Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	REPEATER DALI 2 RM
	Addon technical information	VIVARES DALI LMS components
	Addon technical information	VIVARERS DALI LMS komponenten
	Addon technical information	DALI REPEATER application guide
	Addon technical information	DALI REPEATER Anwendungsleitfaden
	Legal information	Safety Insert G11201420

Documents and certificates		Document name
	Legal information	Informationstext 18 Abs 4 ElektroG
	Legal information	Legal Insert G11185544
	Declarations of conformity	CE declaration REPEATER DALI-2
	Declarations of conformity UKCA	UKCA declaration REPEATER DALI-2
Tender texts		Document name
	Tender documents	REPEATER DALI2 RAIL MOUNTING RAIL MOUNTING-en

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854709111	Folding box 1	66 mm x 105 mm x 27 mm	65.00 g	0.19 dm ³
4099854709128	Shipping box 100	347 mm x 287 mm x 224 mm	6700.00 g	22.31 dm ³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

References / Links

– For current information see www.ledvance.com/light-management-systems

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.