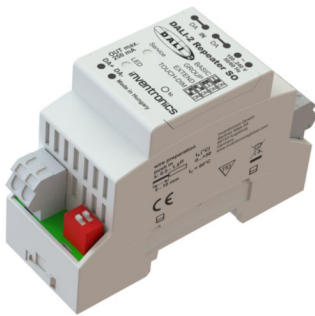


DALI-2 REP SO

DALI-2 REP SO | Signal repeaters for LMS



Product family features

- Expansion of DALI systems by 64 DALI control gears each time
- Extends the DALI line by 300 m
- Maximum power consumption in stand-by mode: 1 W
- Flexible device for extending DALI system limits
- Four versatile operating modes: Basic, Group, Extend, Touch DIM®
- Basic mode: DALI-2 certified DALI converter for grouping up to 64 standard DALI drivers.
- Extend mode: Extends DALI system limits while maintaining DALI addressing for drivers.
- Group mode: Groups up to 64 DALI drivers and up to 5 Inventronics DALI-2 sensors.
- Group mode: Supports standard DALI drivers and DALI-DT8 drivers (TW / RGB (W)).
- Touch DIM® mode: Simple switching and dimming of up to 64 drivers.
- Powerful power supply: 130 mA DALI bus power supply.

Product family benefits

- Can be addressed via DALI

Areas of application

- Large luminaire groups
- Suitable for installation in switch cabinets on DIN rails
- Office /Education
- Industry
- Shop & Retail

Technical data

Electrical data

Nominal voltage	230 V
Mains frequency	50/60 Hz
Guaranteed supply current (DALI)	250 mA
Required DALI current (typical)	<2 mA
System wattage	7 W

Dimensions & weight

Product weight	79.00 g
Length	96.0 mm
Width	36.0 mm
Height	62.0 mm
Diameter	not relevant

Temperatures & operating conditions

Ambient temperature range	0...+50 °C
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Capabilities

Number of control outputs	1
Dimming interface	DALI
Dimmable	No
Type of installation	DIN rail mounting
Control interface	DALI

Certificates & standards

Approval marks – approval	CE / UKCA
Protection class	II
Type of protection	IP20

Logistical data

Commodity code	85176200000
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Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Primary Article Identifier	4055462450913 6937186116451
Date of Declaration	12-06-2026
Declaration No. in SCIP database	In work
SCIP_STATUS	In work
SCIP_ID	

Download Data

File		
Certificates	PDF	▶ CED_I-E20 61347-2-11 devices
CAD data	UNKNOWN	▶ DALI-2 REP SO IGS
CAD data	UNKNOWN	▶ DALI-2 REP SO STEP
CAD data PDF	PDF	▶ DALI-2 REP SO 3-dim PDF
CAD data PDF	PDF	▶ DALI-2 REP SO 2-dim PDF
Mandatory Publications	PDF	▶ DALI REP LI SO CE 3560605 06 040325
User instruction	PDF	▶ DALI-2 REPEATER SO UI G15130886 040725

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
6937186116451 INVENTRONICS	DALI-2 REP SO	Shipping carton box 16 Pieces	221 x 226 x 172 mm	8.59 dm ³	122.38 g

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

Disclaimer

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