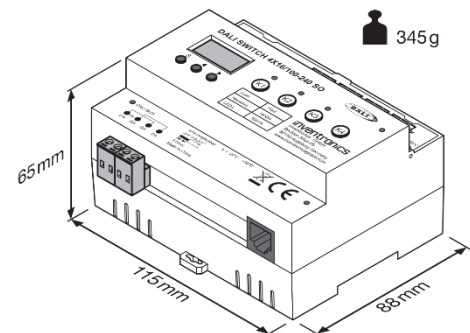
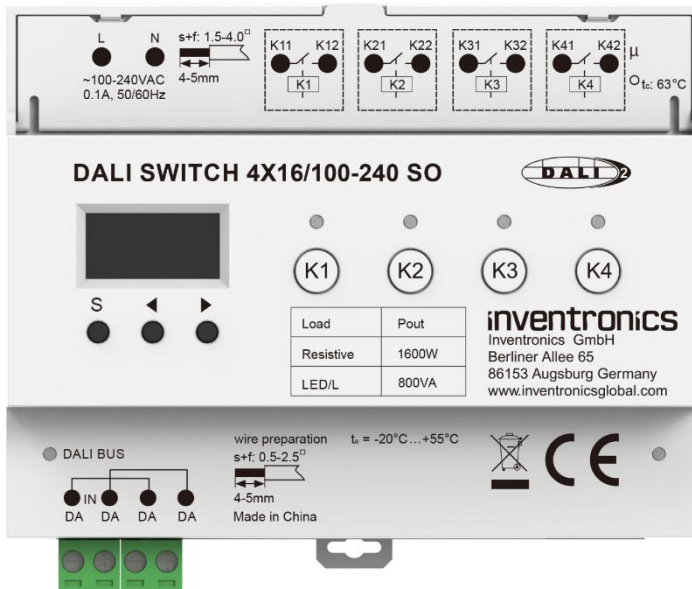


DALI SWITCH 4X16/100-240 SO

DALI-2 certified 4-Channel relay converter for switch-on/off control.



Value to customers:

- Unlocking the full potential of DALI-2 control systems by extending its reach to non-dimming luminaires and to non-lighting electrical appliances, suitable for both new-built and retrofitting projects.
- DALI-2 certified device type 7, ensuring its interoperability between manufactures and a hassle-Free Integration to DALI-2 systems.
- Easy maintenance, no extra commissioning efforts required when adding, replacement or removal of luminaires at the loading side. Manual set of DALI addresses is supported for easy replacement of the converter.

Product Features:

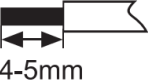
- Manual control/override is available in case of system failure.
- 16A dry contact relay output per channel, with 'zero-crossing' switch on control to reduce inrush current.
- Channels can be flexibly interconnected to reduce DALI addresses or extend the load capacity based on installation requirements.
- Wide range of power input: 100-240Vac, suitable for most of countries and regions.
- OLED Display for easy operations.

Applications: Office / Industry / Warehouse / High Bay / Storage

Approval marks:



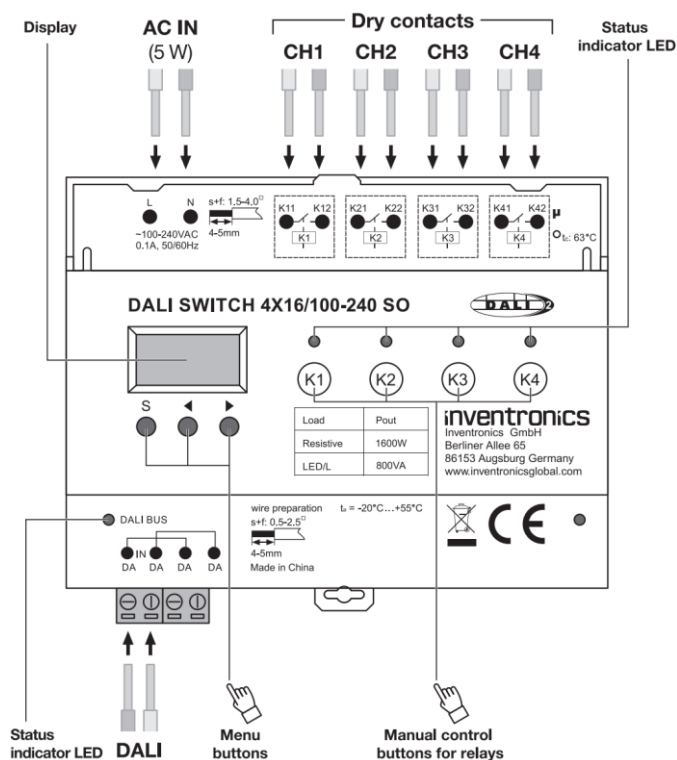
Electrical Specifications

	Item	Value	Remarks, Conditions
INPUT/ OUTPUT	Input voltage	100-240V; 50/60Hz	
	Input current	0.1A	
	Power	0.5-4.5W	No load: 0.5W@100V, 1.5W@240V Full load: 4W@100V, 4.5W@240V
	Control Interface	DALI	9.5 - 22.5V, DALI current consumption(typical) 2mA
	No. of DALI addresses	4 / 2 / 1	Can be set directly on the device; 4x DALI : Individual channel (Factory default) 2x DALI : Interconnected channels (K1+K2 K3+K4) 1x DALI: Interconnected all channels (K1+K2+K3+K4)
	Max. load per channel	1600 W (resistive load), 800 VA (LED driver), 800 VA (inductive load)	Dry contact output; 16A current capacity rated relays.
	Inrush Current per channel	max. 120A @ 20 ms	
	max. number of switching cycles	50,000	
	Default contact position (without power)	open	
	Wire preparation @ Input and relay loads	s+f: 1.5-4.0 [□]  4-5mm	Wire cross-section 1.5mm ² - 4.0mm ² Stripped wire length 4-5mm Note: The appropriate wire cross-section should be selected based on environmental conditions, current load, and cable type.
	Wire preparation @ DALI	s+f: 0.5-2.5 [□]  4-5mm	Wire cross-section 0.5mm ² - 2.5mm ² Stripped wire length 4-5mm Note: A 1.5 mm ² copper cable is recommended for DALI systems; thinner cables limit the maximum length.
ENVIRONMENT	Operation temperature t _a	-20...+55 °C	
	Max. case temperature t _c	63 °C	Measured on t _c point, t _c shall not be exceeded.
	IP rating	IP20	
	Housing material	Plastic	White color
	Dimensions (LxWxH)	115x88x65mm	
	Product gross Weight	345g	
	Standards (tested and passed)	EN IEC 60669-2-1 EN IEC 62386-101 EN IEC 62386-102 EN IEC 62386-208	

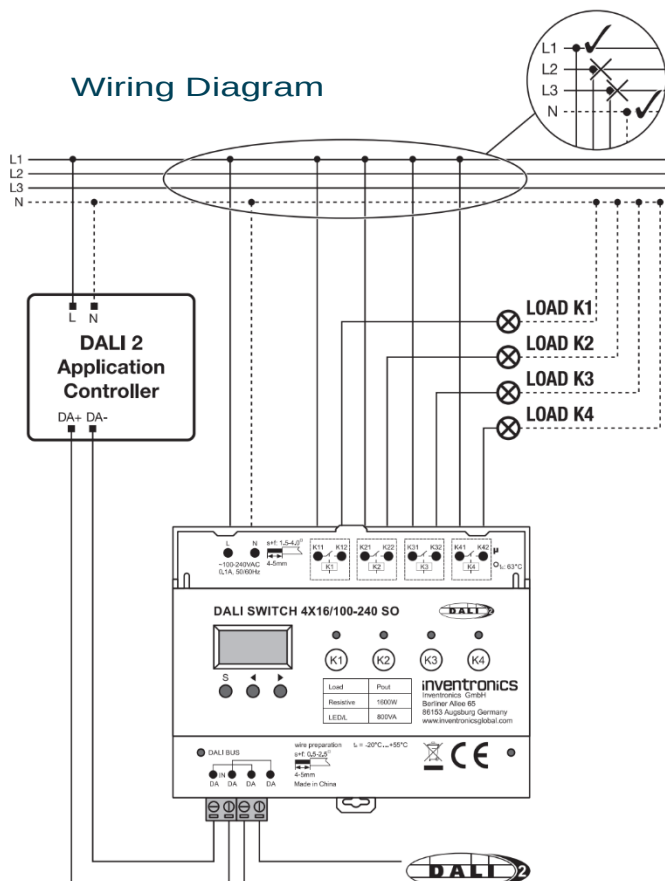
Ordering information

Product name	EAN10	EAN40	Pieces/box
DALI SWITCH 4X16/100-240 SO	6977770438026	6977770438033	8

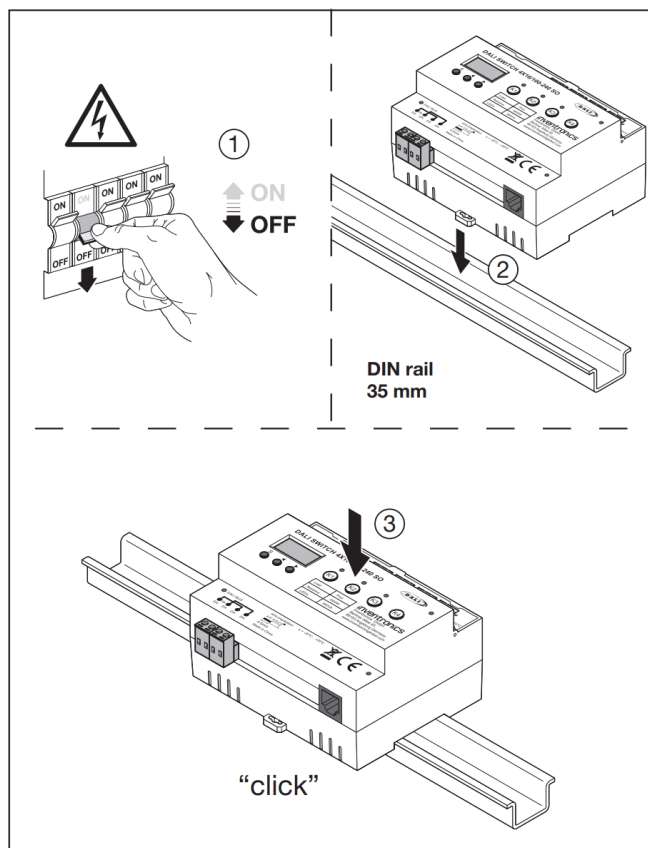
Structure overview



Wiring Diagram



Mounting



Dismounting

