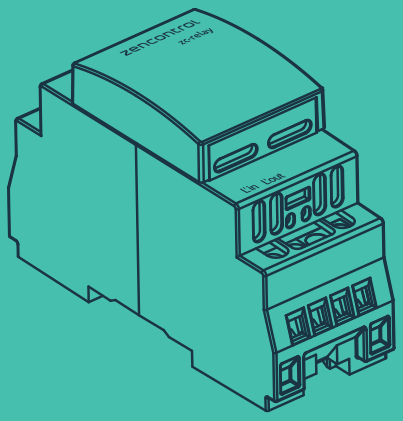
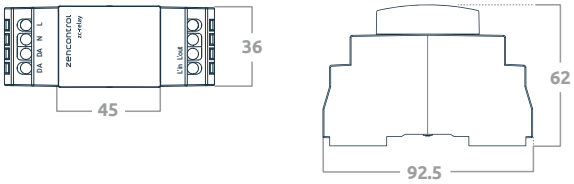
zencontrol

DALI volt-free relay **zc-relay**

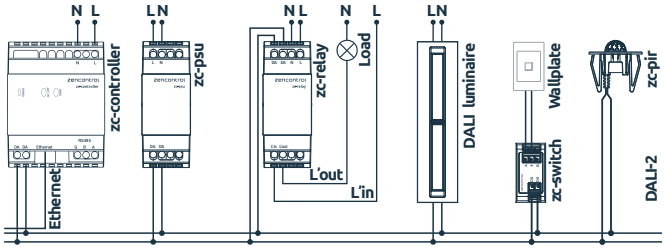


Dimensions

Mounting options	DIN rail mount (35 mm)
Dimensions	92.5 / 36 / 62 mm



System overview



Product range

Order code	Description
zc-relay	DALI volt-free relay, DIN mount

Specifications

Supply voltage	220 - 240 V ~ 50 Hz
Control system	DALI
DALI line current	2 mA
Relay type	Non-latching normally open
Output type	Dry-contract volt-free relay
Output load AC	10 A resistive ☼ 6 A inductive
Output voltage rating AC	0 - 240 V ~ 50 Hz
Output load rating DC	0 - 25 V 3 A resistive ☼ 25 - 240 V 200 mA resistive ☼
Min. rated relay operations	40 000
Max. operations per hour	360
Wiring	1 - 4 mm^2 Strip 6 - 7 mm
Operating temperature	0 to 45°C
Operating humidity	0 to 85 %
Material	PC
Classification	Class II

Installation

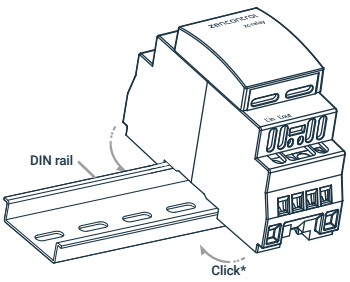
Remove the product from the box and inspect it for any damage. If you believe the product to be damaged or otherwise unsound, ***do not*** install the product. Please pack it back into its box and return it to the place of purchase for replacement.

If the product is satisfactory, proceed with the installation:

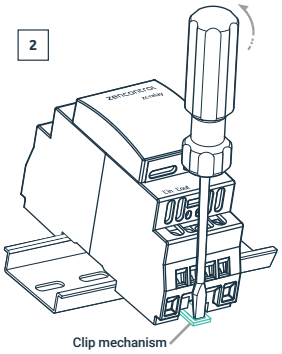
1. Ensure safety warnings are adhered to.
2. Mount the DALI relay on DIN rail inside a mains rated enclosure as shown in ***fig 1.*** To remove from DIN rail, release the clip mechanism with a flat blade screw driver, as per ***fig 2***.
3. Wire the DALI relay as per the wiring diagram in ***fig 3.***

Note each DALI relay must have an appropriate MCB to protect the load circuit.

1



2

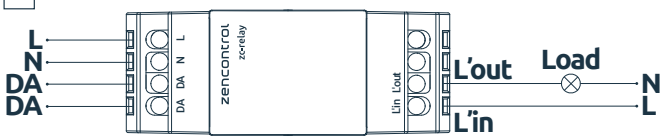


Safety information

- This product must only be installed by a licensed electrician.
- Before commencing installation turn off and isolate the electrical supply.
- There are no user serviceable parts, attempting to service any part of the product will void the warranty
- DALI is not SELV and as such should be treated as LV.
- As the installer, it is your responsibility to ensure you comply to all relevant building and safety codes. Refer to application standards for the relevant rules.
- When the installation is complete, leave this manual with the building's owner for future reference.

Wiring diagram

3



Wire preparation

1 - 4 mm²



Notice

For more information
on compliant software
see our website
zencontrol.com

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