

ReadyToGo Catalogue

ReadyToGo is Lumen Resources' pre-configured lighting control program designed for electricians.

We prepare proven DALI solutions in advance, wirelessly paired, firmware updated, and pre-programmed to suit real-world applications, so they arrive *ready to go*.

From simple retail and office solutions to custom-prepared systems, ReadyToGo makes professional lighting control faster, easier, and more accessible on every job.

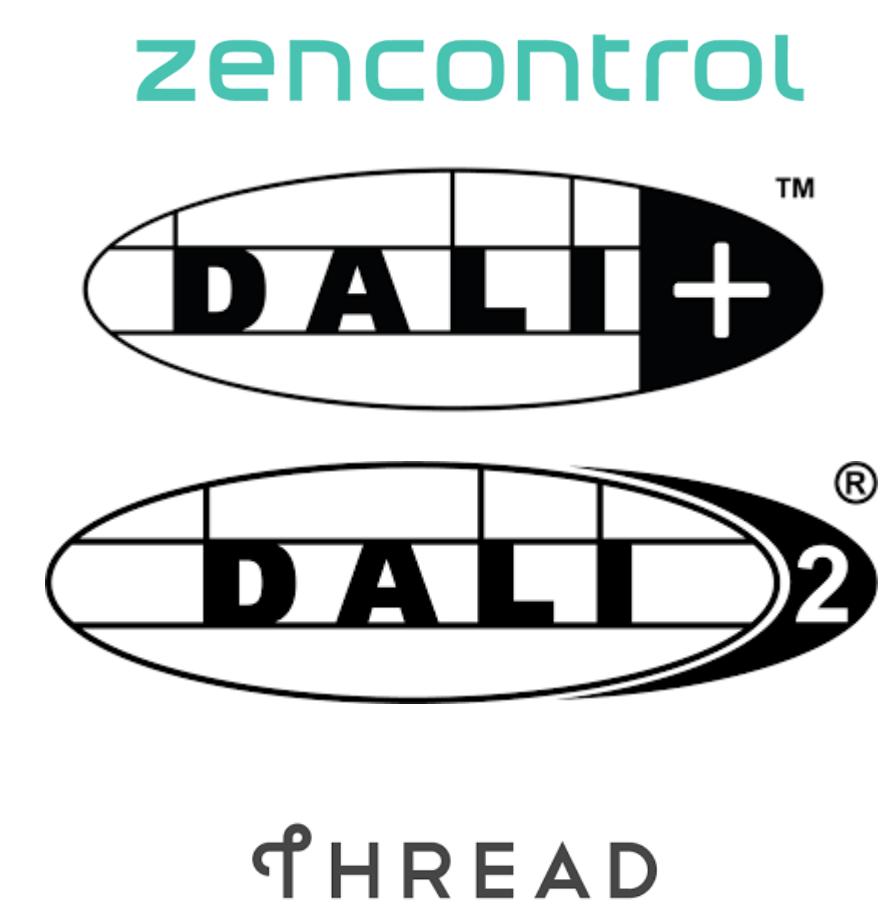
ReadyToGo is not just limited to these prebuilt solutions though, should you have requirements in your projects to control DALI and do not feel the need for a full lighting control system, reach out to us at Lumen Resources to see how we can help find the right fit for your project!

**Email: info@lumenresources.com.au
Phone: 1300 943 233**

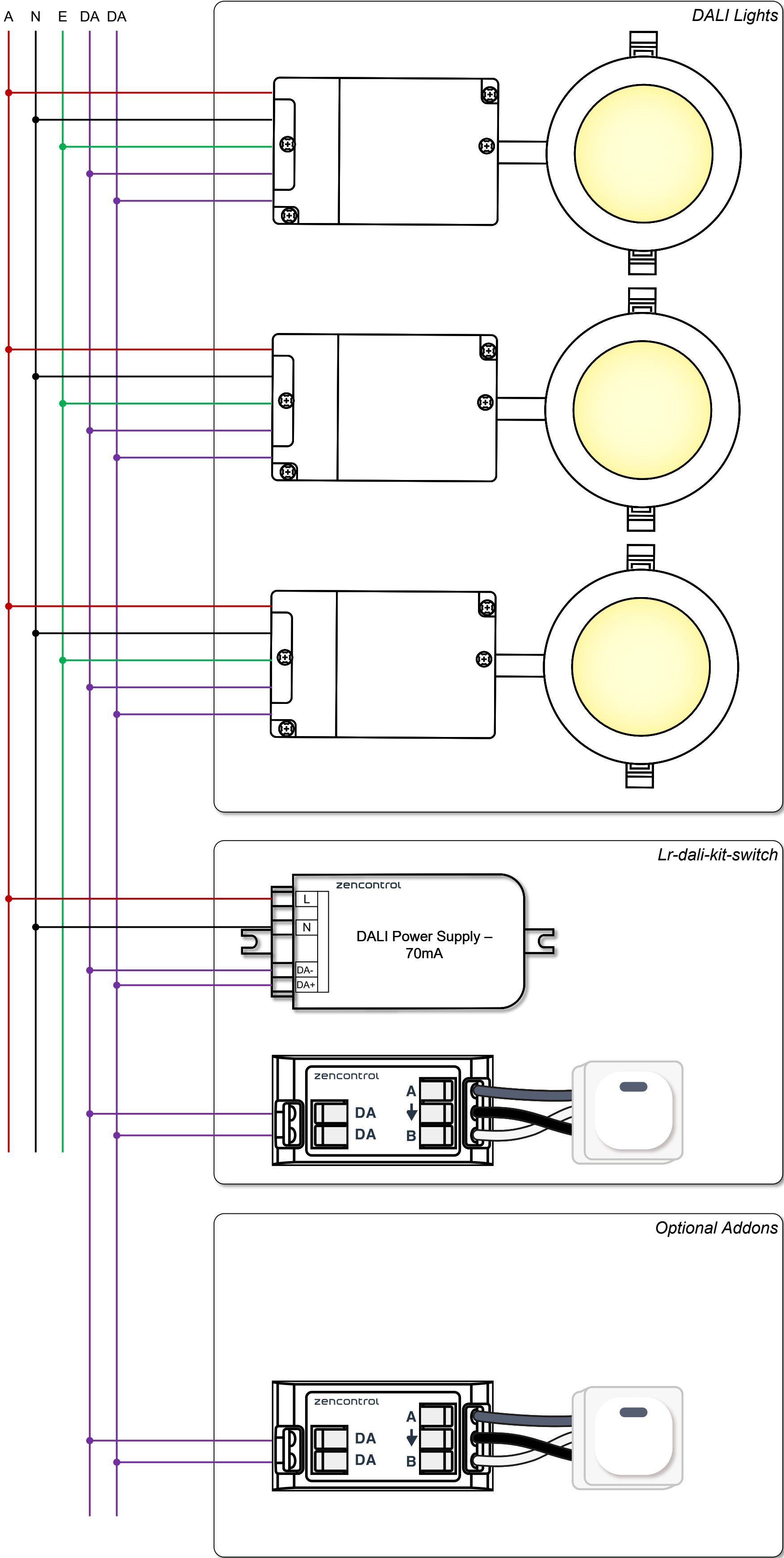
This document is provided as is, and should not be used as anything other than wiring examples.

Any errors found, please report to support@lumenresources.com.au

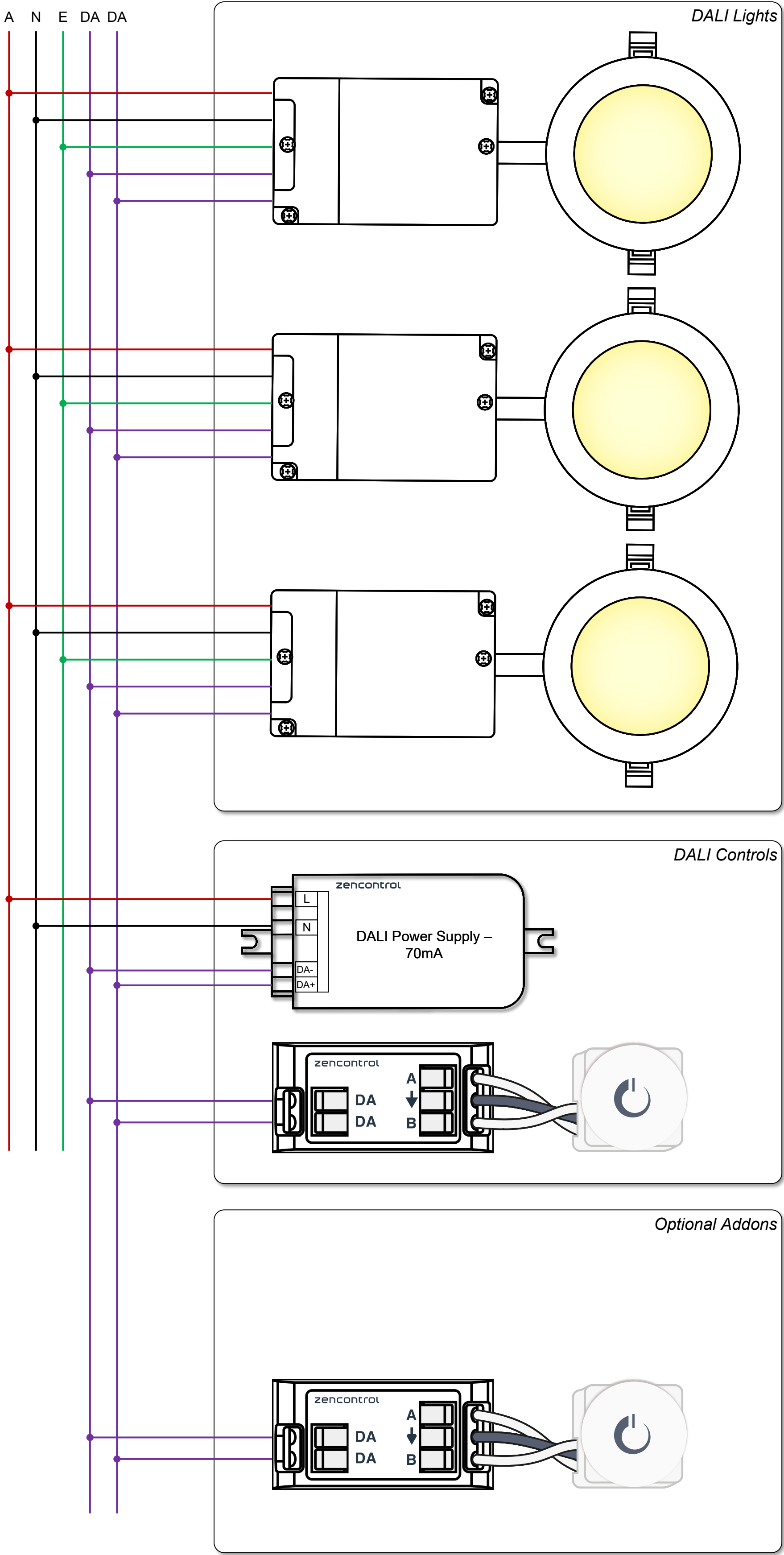
For any enquiries or custom diagrams, please reach out to your local Lumen Resources Representative



DALI Push Button Dimmer Kits

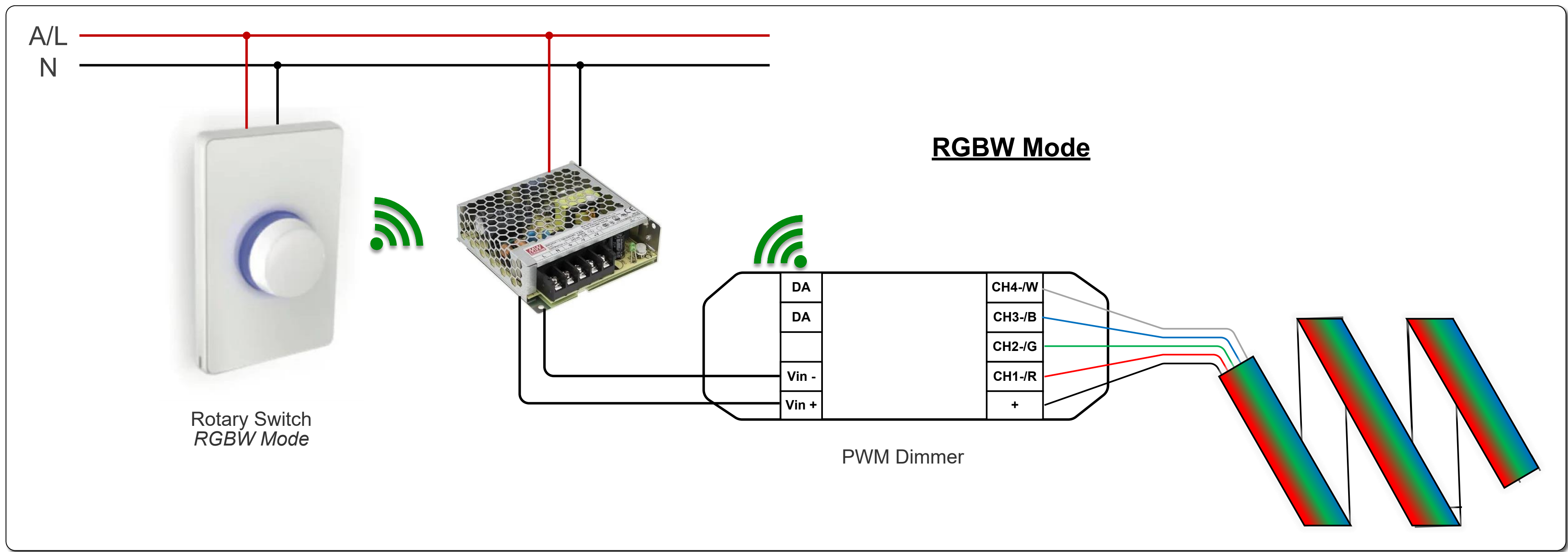
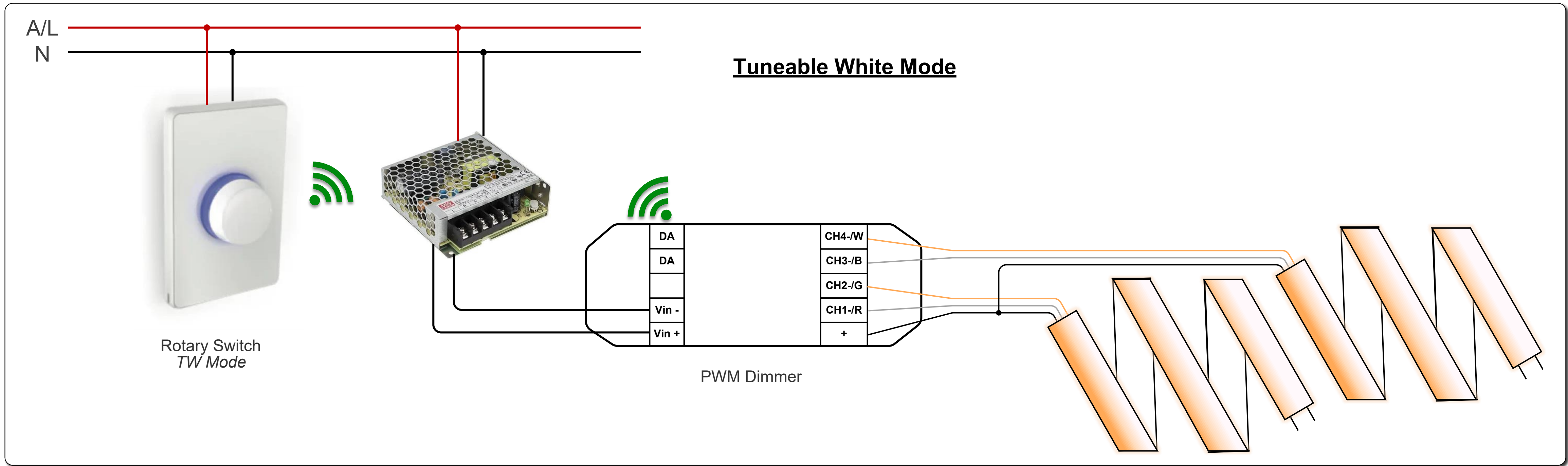
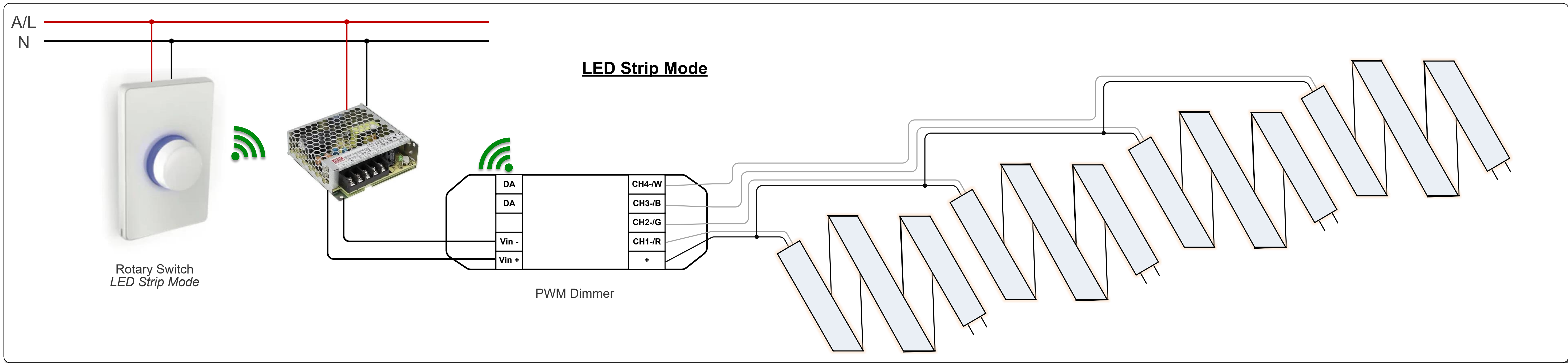


DALI Rotary Dimmer Kits



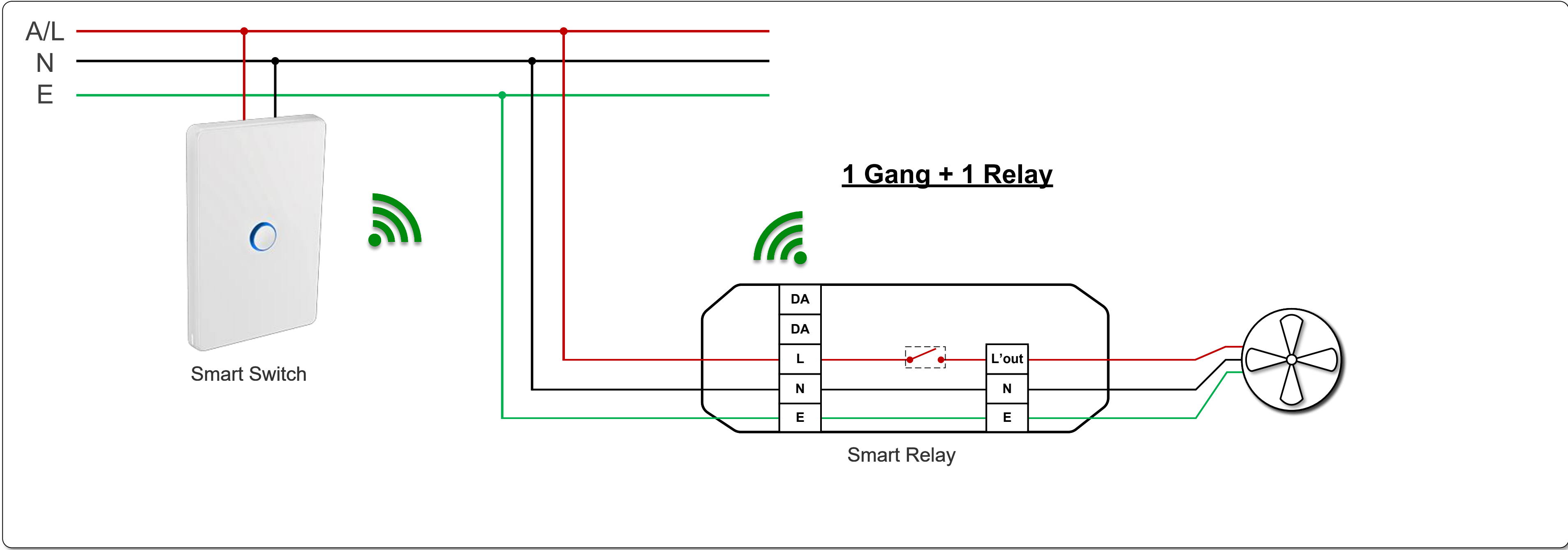
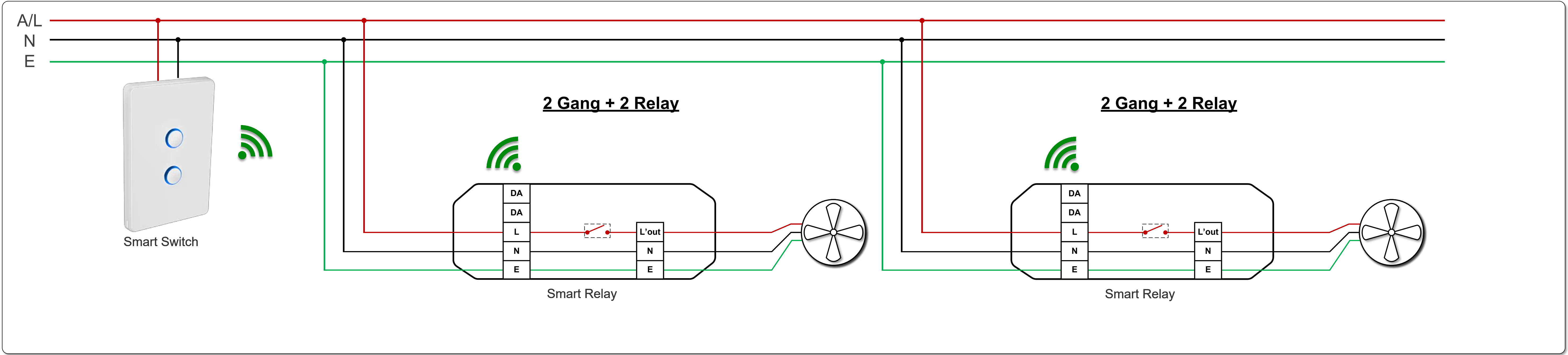
Notes:

- 1) All provided DALI power supplies include a field mounting kit
- 2) Broadcast kit supports approximately 30 DALI lights, subject to the quantity of switch inputs connected to the circuit
- 3) If the need to exceed 30 DALI lights is required, additional DALI power supplies can be connected to the DALI line
- 4) DALI power must not exceed 250mA per DALI line
- 5) Included DALI power supply provides 70mA, consult with your Lumen Resources representative if this is a concern for you.
- 6) Switch and Rotary kits compatible with 30 Mech standard by default, but can be converted to any momentary push button kit from other manufacturers. Rotary option in other plate styles not available.
- 7) Rotary knob available in 23mm and 37mm knob size, consult with your Lumen Resources representative for a suitable kit
- 8) All DALI lights must be supplied with a permanent connection to power
- 9) Included DALI power supply rated for environments that do not exceed 50 Degrees Celsius.
- 10) DALI communications suitable to be run over 1.5mm twin power cable or larger. Please consult with your Lumen Resources representative should you be subject to a smaller diameter cable.
- 11) 1 Way Switch – lr-dali-kit-switch
2 Way Switch – lr-dali-kit-switch-2
1 Way Rotary – lr-dali-kit
2 Way Rotary – lr-dali-kit-2



Notes:

- 1) Each PWM dimmer used requires a 12-24VDC power source rated to the length of the connected LED strip.
- 2) Combined current consumption of the LED strip must not exceed 10A per PWM
- 3) If the need to exceed 10A of current for LED strip exists, additional PWM dimmers can be added and controlled from the rotary dimmer
- 4) If two way control of the LED strip is required, additional rotary dimmers can be added for 2 or more way control.
- 5) Recommended to keep all devices within 15 metres to the nearest device
- 6) Wireless communication provided via Thread
- 7) Environmental variables such as concrete and metal may impact wireless communication distance, best efforts to minimise these materials between devices recommended.
- 8) LED indicator on rotary dimmer makes best effort to match colour of connected lighting, but may not be an exact match
- 9) Rotary dimmer available in both White and Black
- 10) Rotary dimmer installed on standard 84mm mounting plate
- 11) LED strip available upon request
- 12) Single Rotary (White) + PWM Dimmer (RGB) – Irr-smart-rgb-wht
Single Rotary (Black) + PWM Dimmer (RGB) – Irr-smart-rgb-blk
Single Rotary (White) + PWM Dimmer (TW) – Irr-smart-tw-wht
Single Rotary (Black) + PWM Dimmer (TW) – Irr-smart-tw-blk
Single Rotary (White) + PWM Dimmer – Irr-smart-pwm-wht
Single Rotary (Black) + PWM Dimmer – Irr-smart-pwm-blk
- 13) Additional components available upon request
Additional Rotary (White) – Irr-ss-rot-wht
Additional Rotary (Black) – Irr-ss-rot-blk
Additional PWM Dimmer (RGB) – Irr-zc-pwm-iot-4ch-10a-rgb
Additional PWM Dimmer (TW) – Irr-zc-pwm-iot-4ch-10a-tw
Additional PWM Dimmer – Irr-zc-pwm-iot-4ch-10a



Black Switch Options Available



Notes:

- 1) Relay requires the circuit to be suitably rated for the connected load
- 2) Voltage free relay option available
- 3) Additional switches and relays can be added for multi load, multi way control
- 4) Relay rated for maximum of 10A @ 240VAC
- 5) Recommended to keep all devices within 15 metres to the nearest device
- 6) Wireless communication provided via Thread
- 7) Environmental variables such as concrete and metal may impact wireless communication distance, best efforts to minimise these materials between devices recommended.
- 8) LED indicator on switch can be configured to illuminate in various colours. Please enquire if you have particular LED indication requirements
- 9) Switch available in both White and Black
- 10) Switch installed on standard 84mm mounting plate
- 11) 1 Gang Switch (Black) + 1 Relay, Preprogrammed – Irr-smart-1g-1r-blk-rtg
1 Gang Switch (White) + 1 Relay, Preprogrammed – Irr-smart-1g-1r-wht-rtg
2 Gang Switch (Black) + 2 Relay, Preprogrammed – Irr-smart-2g-2r-blk-rtg
2 Gang Switch (White) + 2 Relay, Preprogrammed – Irr-smart-2g-2r-wht-rtg
1 Gang Switch (Black) + 1 Relay – Irr-smart-1g-1r-blk
1 Gang Switch (White) + 1 Relay – Irr-smart-1g-1r-wht
2 Gang Switch (Black) + 2 Relay – Irr-smart-2g-2r-blk
2 Gang Switch (White) + 2 Relay – Irr-smart-2g-2r-wht
- 12) Additional components available upon request
Additional Relay – Irr-zc-smart-relay
Additional 1 Gang Switch (Black) – Irr-zc-ss-1sw-blk
Additional 1 Gang Switch (White) – Irr-zc-ss-1sw-wht
Additional 2 Gang Switch (Black) – Irr-zc-ss-2sw-blk
Additional 2 Gang Switch (White) – Irr-zc-ss-2sw-wht