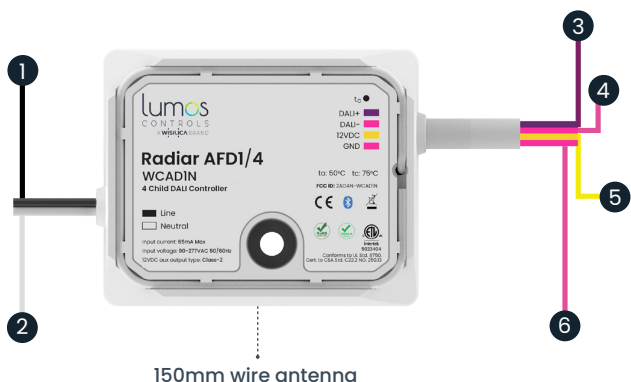


# RADIAR AFD1/4

## WIRING

### WIRE DESCRIPTION



Pin	Name	Color	Gauge	Rating	Description
1	Line	Black	18AWG (0.75mm <sup>2</sup> )	300V	90-277VAC
2	Neutral	White	18AWG (0.75mm <sup>2</sup> )	300V	Common neutral
3	DALI	Purple	28AWG (0.08mm <sup>2</sup> )	30V	DALI+
4	DALI	Pink	28AWG (0.08mm <sup>2</sup> )	30V	DALI-
5	12VDC	Yellow	28AWG (0.08mm <sup>2</sup> )	30V	12VDC auxiliary output
6	Ground	Pink	28AWG (0.08mm <sup>2</sup> )	30V	Common ground

### WIRING

In order to power the controller, connect the AC line and neutral wires from the mains supply to the line (Black color) and neutral wire (White color) of the controller

To control DALI drivers, connect the DALI lines to the DALI+ (Purple color) and DALI- (Pink color) wires in the controller.

12VDC (Yellow color) and GND (Pink color) can be used to power 12VDC sensor.

**Note:** DALI is polarity insensitive

