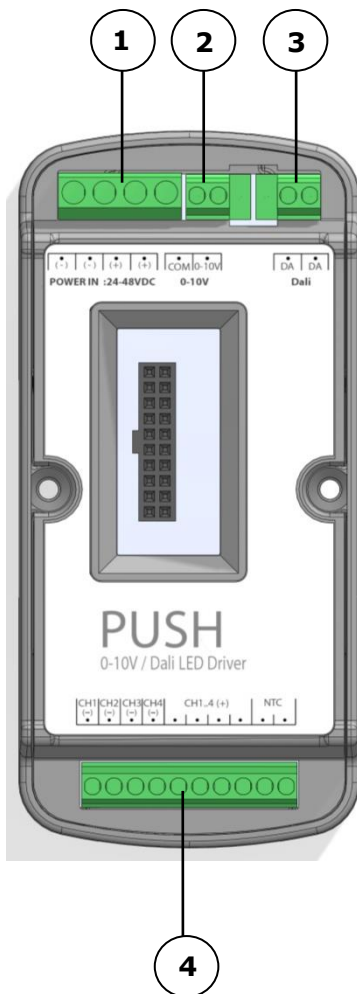


## Unit Connection



### (1) Power In (24-48VDC):

Pin	Voltage Polarity
• (-)	-V
• (-)	-V
• (+)	+V
• (+)	+V

### 1050/1400mA wiring:

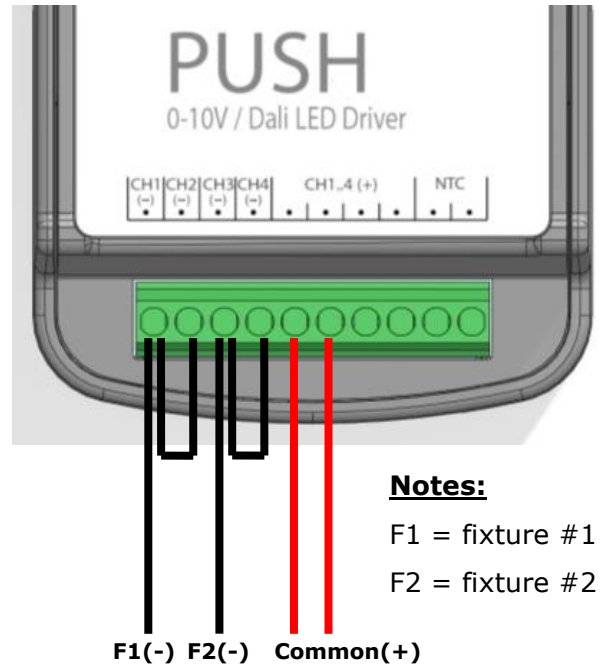
In order to connect 1050/1400mA fixtures to Push channels 1-2 and 3-4 must be wired together as follows:

### (2) 0-10V Input:

Pin	Designation
• 0-10V	0-10V
• COM	COM

### (3) DALI Input:

Pin	Designation
• DA	DALI
• DA	DALI

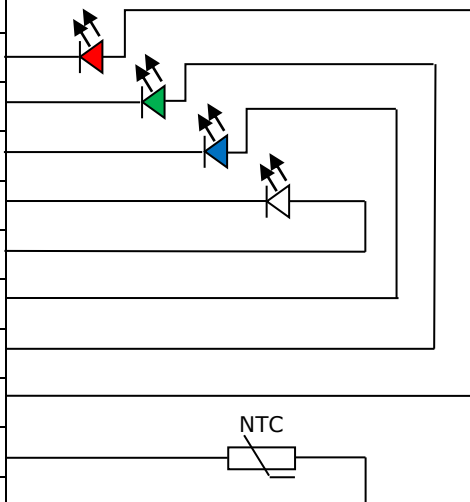


### Notes:

- F1 = fixture #1
- F2 = fixture #2

### (4) Output:

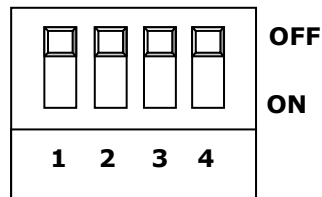
Pin	Designation
• CH1(-)	LED(-)
• CH2(-)	LED(-)
• CH3(-)	LED(-)
• CH4(-)	LED(-)
• CH1-4(+)	LED(+)
	LED(+)
	LED(+)
	LED(+)
• NTC	Thermal Feedback
• NTC	Thermal Feedback



- ❖ Maintain correct polarity when connecting the LEDs. Failure to do so may cause damage to the LEDs (especially at low number of serried LEDs per channel).
- ❖ If the NTC sensor is not connected, Thermal Protection will be disabled for the Output.

## Dip-Switch Settings (Firmware v2.0-L)

DIP SW MODE			Rated Current [mA]			
DP1	DP2	DP3	CH1	CH2	CH3	CH4
OFF	OFF	OFF	350	350	350	350
ON	OFF	OFF	500	500	500	500
OFF	ON	OFF	700	700	700	700
ON	ON	OFF	350	500	500	500
OFF	OFF	ON	500	700	700	700
ON	OFF	ON	1050		1050	
OFF	ON	ON	1400		1400	
ON	ON	ON	700 (One Channel)			



DP4	DALI	0-10V
OFF	Upon Loss of DALI signal - all channels at 100%	N/A
ON	Upon Loss of DALI signal - all channels at 0	Enable External Analog 0-10V



**DO NOT HOT PLUG THE MAIN UNIT TO THE BASE!**



Upon power up (at any mode) the Unit shall perform a short self-test sequence:  
Channels 1-4 shall briefly flash.

## Reset Button

Press duration	Function
Short press	Software reset
Long press	Short self-test, each channel briefly fades in and out one after another

## LED Indication

CH1-CH4 LEDs	Description
OFF	Channel dimmer value = 0
ON	Channel dimmer value > 0
Pulse	Channel open-circuit
Fast blink	Channel short-circuit

Power LED	Description
ON	Power is on, normal operation
Fast blink	PSU voltage is out of range
Pulse	Driver overheat
Double Pulse	LEDs Overheat (External NTC sensor)

Communication LED	Description
OFF	DALI signal present
ON	External 0-10v dimmer control
Fast blink	No DALI signal detected
Fast blink- freeze-blink	DALI signal present, received new data