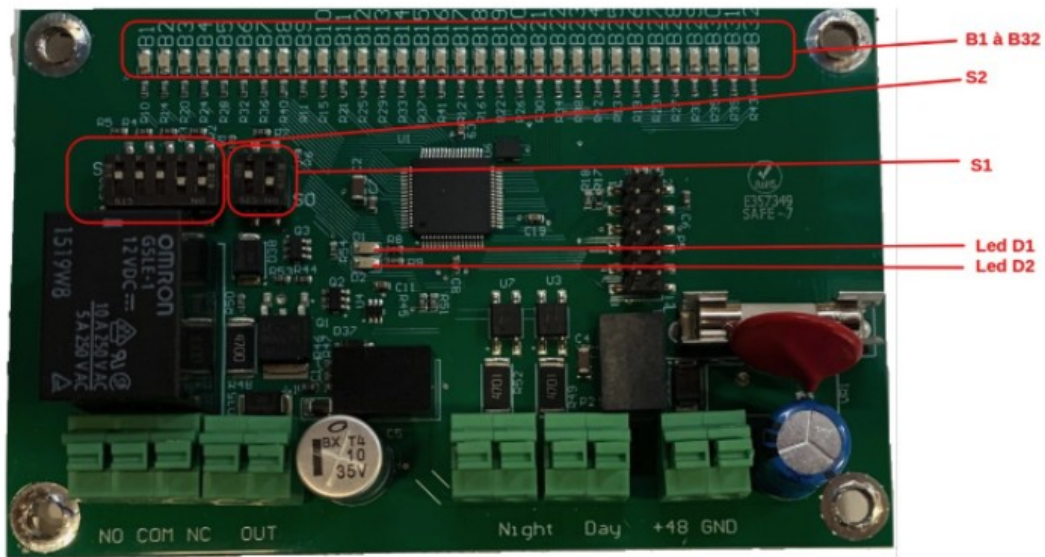


**Transmitter/receiver card part number 113749B inside each high intensity power supply and the controller P/N 113625L at the bottom**



### 1. Configuration of the card :

The same card is inside each lamp and inside the controller. So it can be configured as:

- transmitter (pin 2 of dip-switch S1 at ON) when installed inside each lamp

or

- receiver (pin 2 of dip-switch S1 at OFF) when installed inside the controller.

After changing the configuration of S1 or S2, the card has to be reset (or switch off and on)

		S1		S2					
ON	Nominal	Emetteur		ON	Bit 1 à 1	Bit 2 à 1	Bit 3 à 1	Bit 4 à 1	Bit 5 à 1
OFF	Reset	Récepteur		OFF	Bit 1 à 0	Bit 2 à 0	Bit 3 à 0	Bit 4 à 0	Bit 5 à 0
	1	2			1	2	3	4	5

Tableau 1: Dipswitch

### 2. Indicators D1 and D2 when the card is in transmitter or receiver mode:

#### 2.1 In transmitter mode

- The led D1 is on in case a default is signaled in the entry.
- The led D2 is on when the card is transmitting.
- In reset mode, the 2 leds are simultaneously on.

#### 2.2 In receiver mode

- The led D1 is on when the number of default lights is above the limit (the relay is then deactivated – alarm is signaled).
- The led D2 is on when the card is receiving.
- In reset mode, the 2 leds are simultaneously on.

### 3. Assignment of a unique number in each transmitter card inside each lamp

In each transmitter card, the user must assign a unique number for each lamp as defined by the switch S2 according to the table below.

This number will correspond to the leds B1 to B32 “on” in case of default received in the receiver card located inside the controller at the bottom of the pylon

#### S1 : 1 ON and 2 ON

lamp number	switches S2				
	1	2	3	4	5
1	-	-	-	-	-
2	On	-	-	-	-
3	-	On	-	-	-
4	On	On	-	-	-
5	-	-	On	-	-
6	On	-	On	-	-
7	-	On	On	-	-
8	On	On	On	-	-
9	-	-	-	On	-
10	On	-	-	On	-
11	-	On	-	On	-
12	On	On	-	On	-
13	-	-	On	On	-
14	On	-	On	On	-
15	-	On	On	On	-
16	On	On	On	On	-
17	-	-	-	-	On
18	On	-	-	-	On
19	-	On	-	-	On
20	On	On	-	-	On
21	-	-	On	-	On
22	On	-	On	-	On
23	-	On	On	-	On
24	On	On	On	-	On
25	-	-	-	On	On
26	On	-	-	On	On
27	-	On	-	On	On
28	On	On	-	On	On
29	-	-	On	On	On
30	On	-	On	On	On
31	-	On	On	On	On
32	On	On	On	On	On

The receiver card count every 5 minutes the number of defaults.

The defaults are signaled through the led indicators B1 to B32 in the receiver card which identify which transmitter card(s) is/are sending a default :

- by a quick blinking in case of the default is detected in less than 5 seconds
- by a slow blinking in case a default has been detected at least one time during the last 5 minutes.
- **by a fixed signal** if the default is permanent, that is to say at least one time in the 4 last periods of 5 minutes.

In absence of default during the last 5 minutes, the led(s) go to off.

The receiver card changes the alarm relay of the controller when at least « N » default lamps are detected, with N indicated by the dip switch S2 (number N is binary coded).

Remarks : After changing S2 (number N), the card must be reset (or switch off and on)

### 4. Setting « N » default lamp on the receiver card inside the controller before activating the alarm relay

N is the threshold of default lamps from when the card changes the alarm relay NO NC COM in the controller. **When the threshold of default lamp(s) is reached, the “normally open and normally close” alarm relay will be activated after alarm signal is confirmed (after luminous signal become red fixed) which could take 20 minutes**

#### S1 : 1 ON and 2 OFF

Nb of default lamps	switches S2				
	1	2	3	4	5
1	On	-	-	-	-
2	-	On	-	-	-
3	On	On	-	-	-
4	-	-	On	-	-
5	On	-	On	-	-
6	-	On	On	-	-
7	On	On	On	-	-
8	-	-	-	On	-
9	On	-	-	On	-

After changing the configuration of S2, the card has to be reset (or switch off and on)