



NX0173 Corridor– 4 color light

Description

- Light four-color dimmable
- 3 lights of fixed color (white, red and green) and a fourth light RGB with color configurable between 16777216 possible colors
- Brightness: 19 lumens
- Excellent side visibility
- Energy high efficient and long life LEDs
- 10 times greater life, less than half the consumption and brightness greater than that based warning light bulb.
- Automatic brightness adjustment to variations in supply voltage

Operation

The NX0173 meets the requirements with the norm DIN VDE 0834 (parts 5.1.1 al 5.1.12) :

- Off : No alarms
- Red: Emergency alarm
- Red and White “flashing”: Emergency alarm from the bathroom
- Red “flashing”: Emergency alarm
- Green: Medical staff presence
- Yellow: Other staff presence
- Green or yellow + red “flashing”: Alarm
- Green or yellow + red + white “flashing”: Alarm from the bathroom
- White, red, green and blue “flashing”: Medical emergency alarm call

Other statements

- Blue: Pending tasks with exceeded timed. This state can occur in combination with the above except Yellow, since it uses the same segment of the light.

The NX0173 has an acoustic device that complies with the DIN VDE 0834 standard (paragraphs 5.1.13 and 5.1.14) and whose values are:

- Sound level: 70dB a 1 m.
- Frequency: 2400 Hz.

Features

- Power
 - Nominal 12Vdc. Maximum 15Vdc. Minimum 9Vdc.
 - You can work with lower voltage supply (up to 6VDC) at the expense of a progressively lose of brightness in LEDs and volume in the buzzer.
 - Consumption a 12Vdc:
 - In standby 10mA
 - With only one color at 100% 70mA
 - maximum 220mA

Wiring

- Communication with the room terminal trough bus RS-485 (A, B y GND)
- For the signals A and B should be used a twisted pair.
- With UTP standard (standard 568B):
 - Pin1 RJ45: Vcc=12V white-orange
 - Pin 2 RJ45: GND orange
 - Pin 7 RJ45: RS485 DataB white-brown
 - Pin 8 RJ45 :RS485 DataA brown
 - If downstream the bus RS485 it is wished to use a module NX0031 (E4S0) , as well as connecting at both bus sections the 4 signals that this module uses, you should bridge the two remaining pairs :
 - Pin 3 RJ45: E1 white-green
 - Pin 4 RJ45: E2 blue
 - Pin 5 RJ45: E4 white-blue
 - Pin 6 RJ45: E3 green

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