Datasheet HLC103
EAE KNX Hotel Logic Controller

All you need is EAE

General Features

HLC device enables active/passive lighting, air conditioning, curtain shutters and sockets in the room without using cardholder at guest room entrances. When the guest exits the room, all the desired lighting, wall outlet, curtain shutters and air conditioning system will turn off as defined by the company for energy saving purposes. These scenarios can be changed remotely by company.
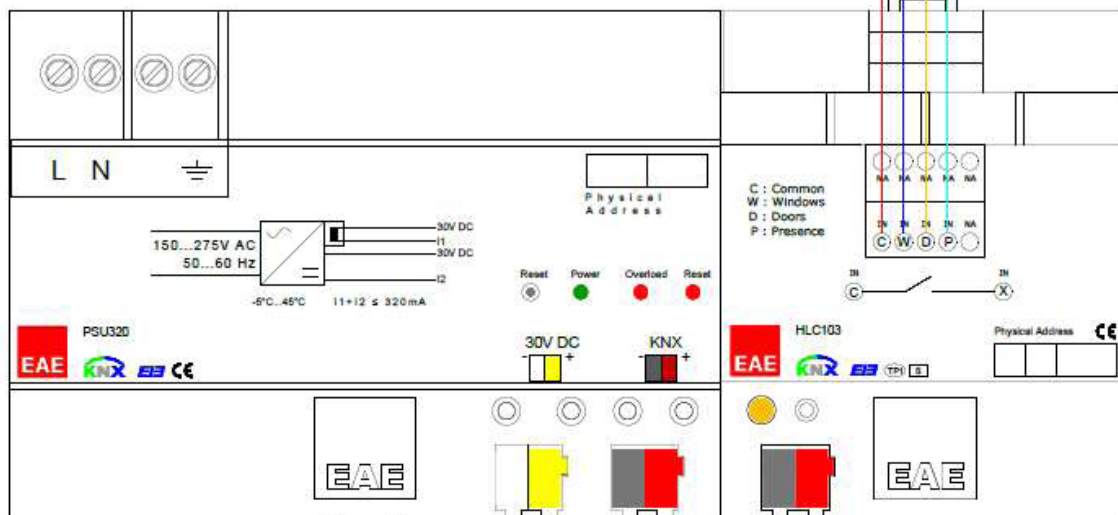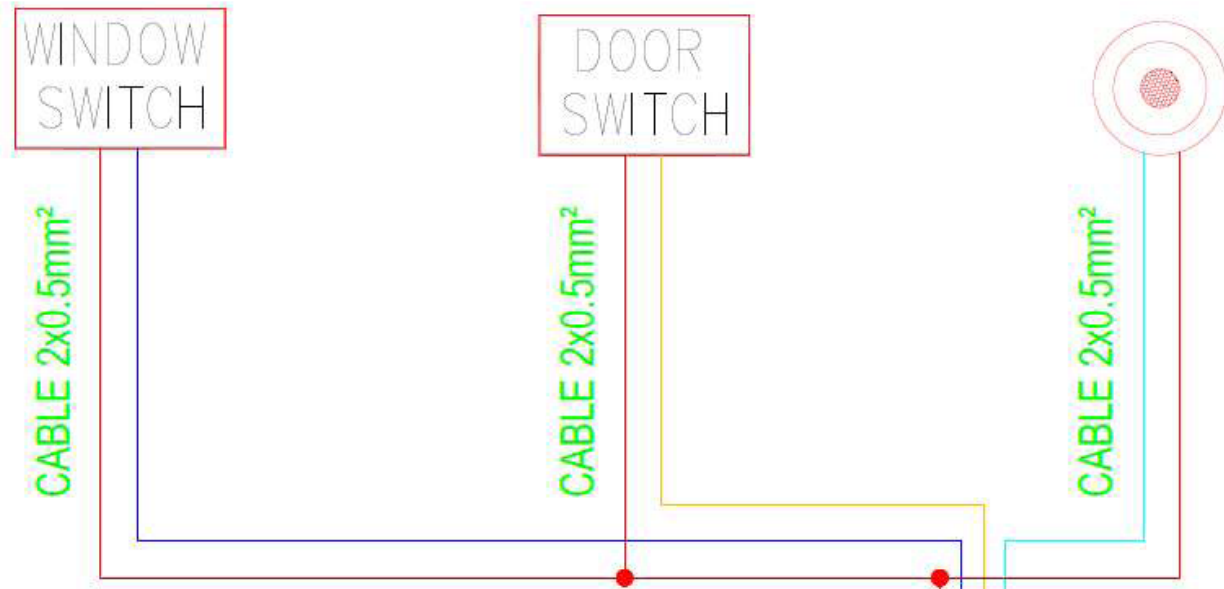
General Specifications

- When the guest is not in the room, it guarantees energy saving without using the cardholder (energy saver)
- 4 separate scenarios are operated. HLC pre-welcome, welcome, leave and check-out
- The hotel room has logic functions designed specifically for business needs.
- Scenarios defined in the room can be changed from the center with GRMS software.
- It can respond to any configuration in the room through to, motion/presence sensor and glass / balcony switch input
- It has 3 dry contact inputs on it. Many sensors can be connected for each kind of Input.
- It also does not need a feed line, it is working over the KNX network.

Technical Data

Protection Grade	IP20	EN 60 529
Safety Class	II	EN 61 140
Power Supply	Voltage	21V... 30V DC, via the KNX bus
	Current draw from bus voltage	10mA
Input	Number	3 inputs
	Maximum cable length	<200 m
	Scanning voltage	5V DC
	Input current	0.5 mA
Operating Elements	LED (red) and button	For physical address
Connections	Input	Plug-in screw-type terminal
	KNX	Bus connect terminal
Temperature Range	Ambient	–5° C + 45° C
	Storage	–25° C + 55° C
Humidity	max. air humidity	95 % no moisture condensation
Dimensions		65,5 x W x 90 mm
	Width W in mm	72 mm
	Width W in units (18 mm modules)	4 modules
Weight	0.15 kg	
Material	Plastic, polycarbonate, colour grey	
CE	In accordance with the EMC guideline and low voltage	

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Connection Scheme

PIR DETECTOR

WINDOW SWITCH

DOOR SWITCH

CABLE 2x0,5mm²

CABLE 2x0,5mm²

CABLE 2x0,5mm²

L N

150....275V AC
50...60 Hz

30V DC
I1
30V DC
I2

-5°C...45°C   I1+I2 ≤ 320mA

Physical Address

Reset   Power   Overload   Reset

PSU320

30V DC   KNX

C : Common
W : Windows
D : Doors
P : Presence

NA NA NA NA NA

IN   IN   IN   IN   NA
C   W D   P

IN   IN
C   X

HLC103   Physical Address   CE

KNX CABLE
EIB H(St)H 2x2x0.8mm²

Device Marking

C : Common
W : Windows
D : Doors
P : Presence

HLC103
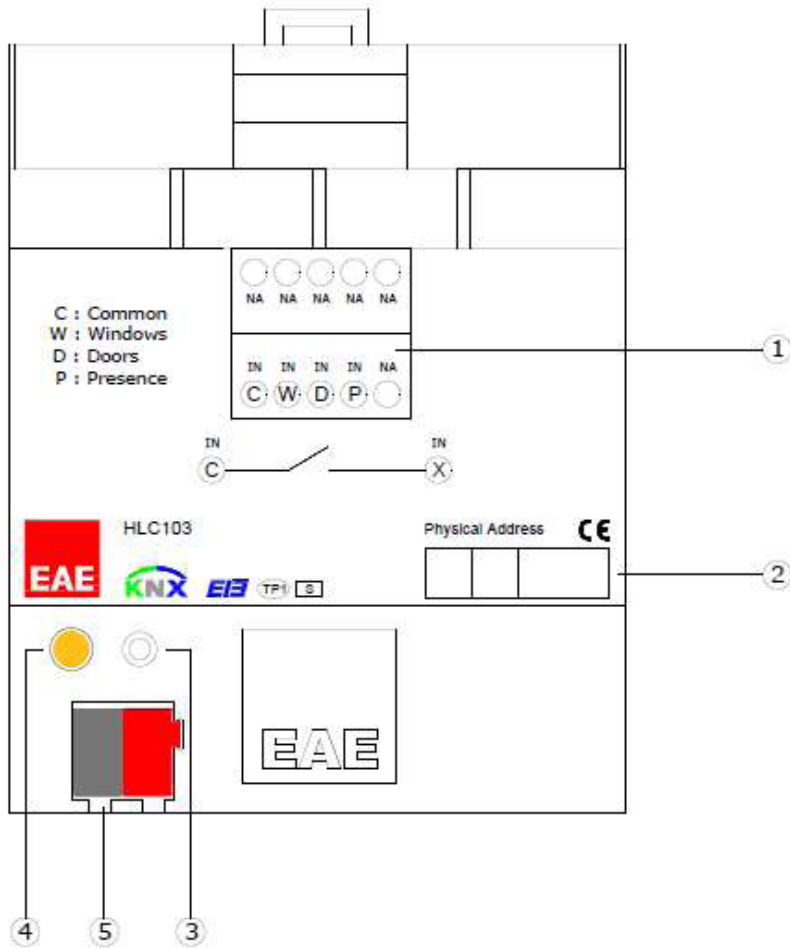
Physical Address

1. Input Diagram
2. Physical address label
3. Programming button
4. Programming LED
5. KNX Power

Scale Drawing

72.3 mm
66 mm
50 mm
90 mm
44 mm

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