

MX KNX - HOTEL LOGIC CONTROLLER



HLC103

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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.

- 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.



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Technical Data

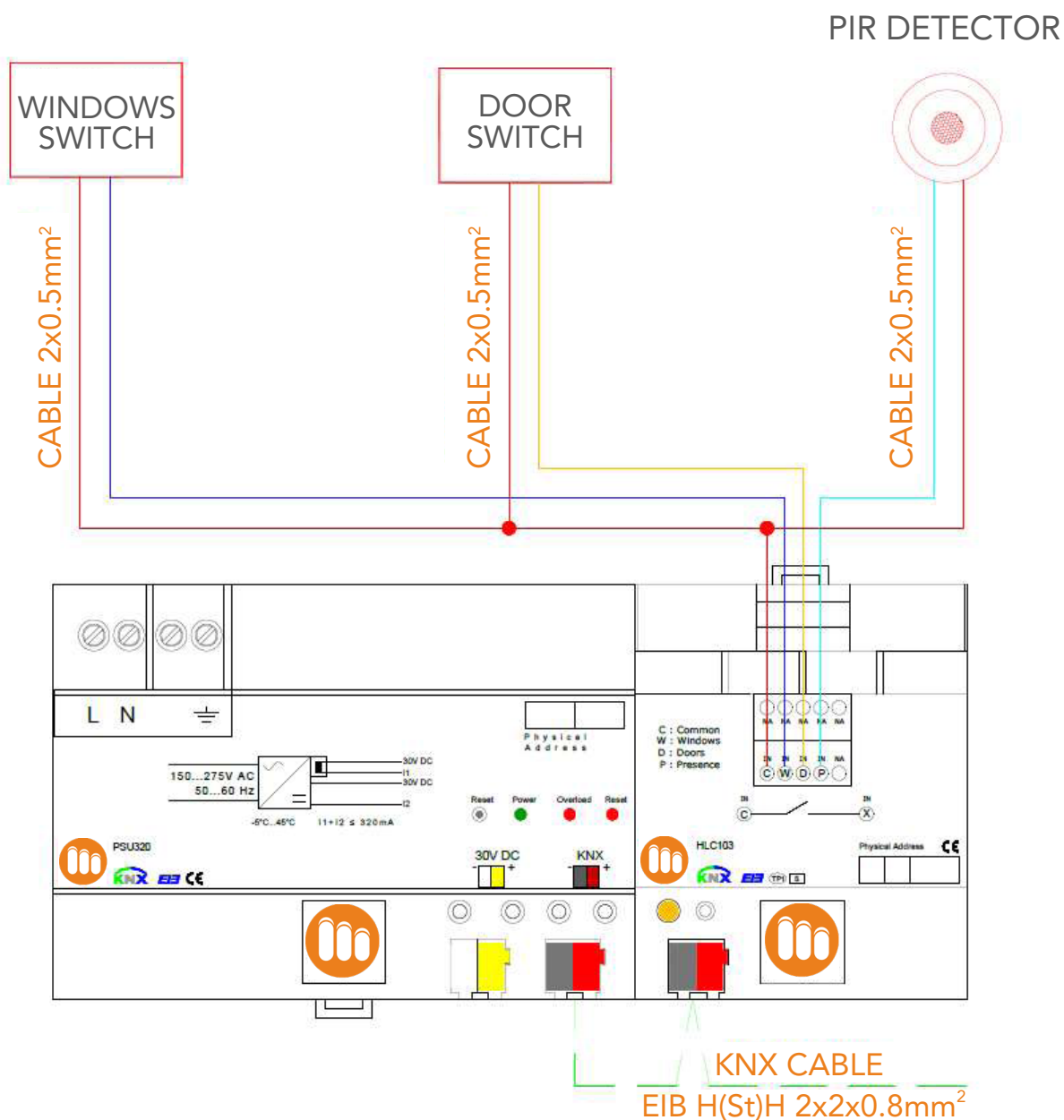
Protection Grade	IP20	EN 60 529
Safety Class	II	EN 61 140
Power Supply	Voltage	21V... 30V DC, via the KNX bus
	Current draw from bus voltage	10mA
Input	Number	3 inputs
	Maximum cable length	<200 m
	Scanning voltage	5V DC
	Input current	0.5 mA
Operating Elements	LED (red) and button	For physical address
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	Width W in mm	65,5 x W x 90 mm
	Width W in units (18 mm modules)	72 mm 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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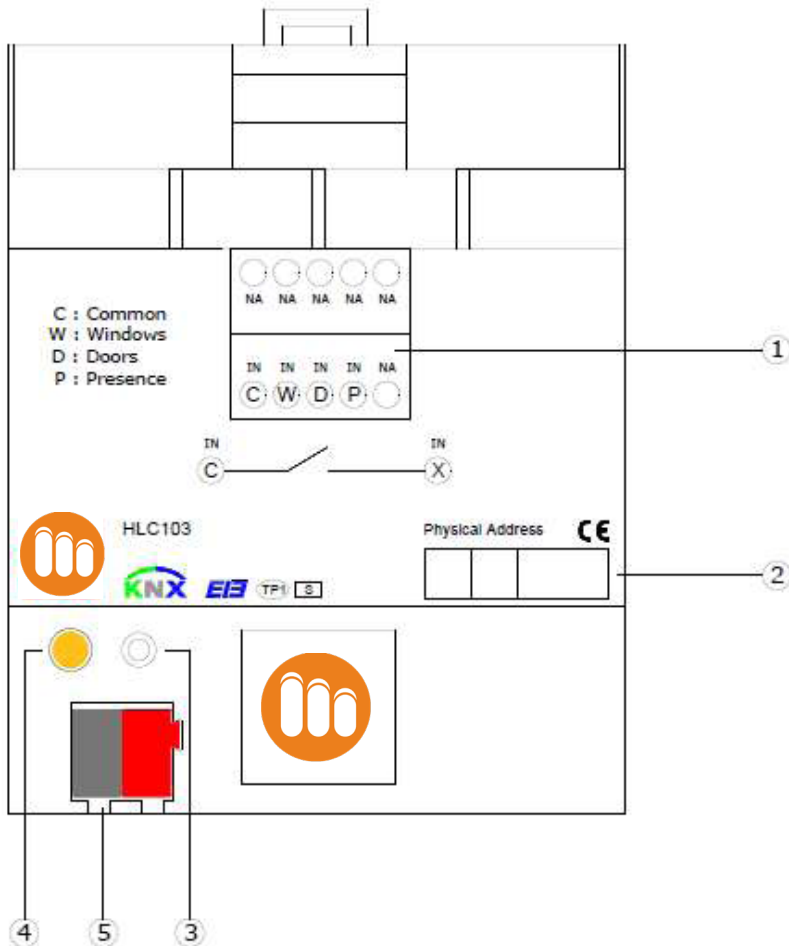
Connection Scheme



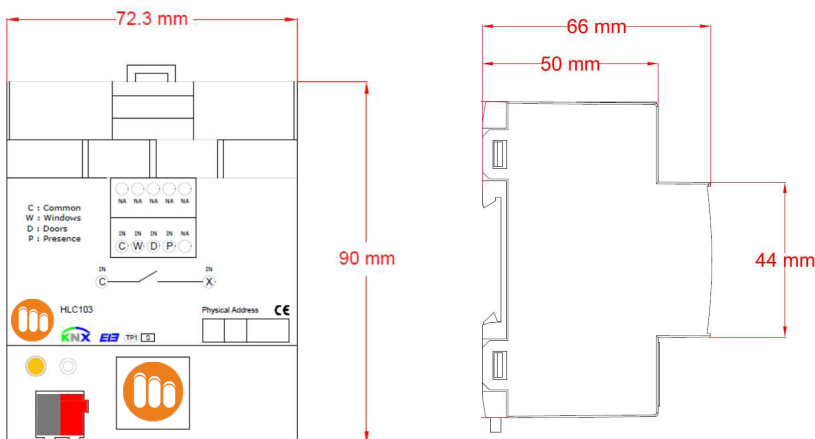
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Device Marking



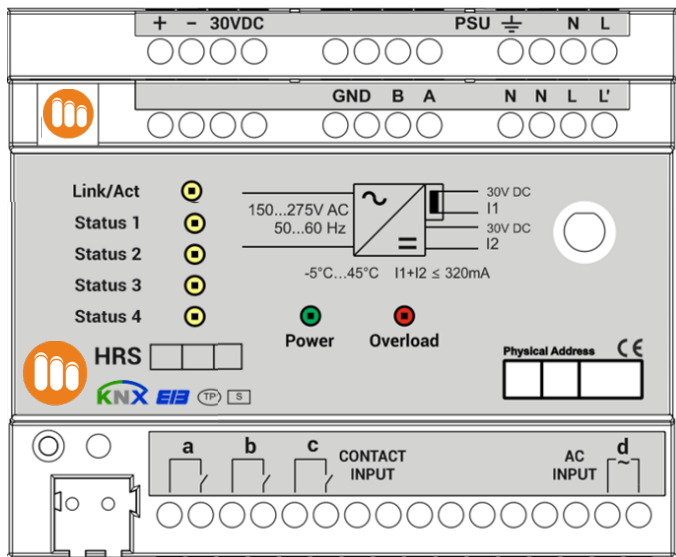
Scale Drawing



MX KNX - HOTEL ROOM SUPERVISOR



MX KNX - Hotel Room Supervisor



General Features

- Modbus TCP to KNX gateway provides all room control and monitoring requirements for hotel management and SCADA systems.
- Gateway can map up to 1000 KNX group addresses
- Built-in 320mA KNX bus power supply with auxiliary 30V output
- Patent pending card holder-less room presence detection feature
- Easy and remote commissioning via IP network
- Optional physical inputs for door, window and presence sensors
- Optional room energy measurement and reporting
- Optional time sensitive scene selection with RTC

