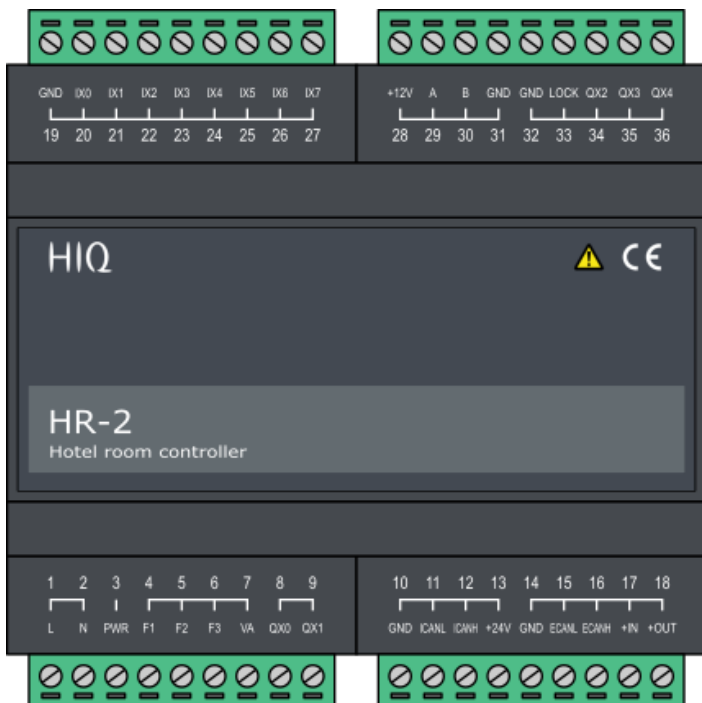


Hotel room controller

Hotel room master controller

Model number:	HR-2
Mounting:	DIN rail, 6M, 106mm
Dimensions:	106x108x58mm



Applications

- Hotel room automation

Features

- Welcome light
- Power relay
- HVAC control
- Room SOS

General description

Hotel room controller controls all basic hotel room devices: welcome light, power relay, HVAC, card holder and SOS pull-switch. By itself is sufficient for basic hotel room automation. It is easy configurable and can be upgraded with many additional expansion units so it ensures practically any level of hotel room automation.

Easy commissioning with auto-addressing, easy configuration and advanced diagnostic ensures cost effective and quick system set-up and easy maintenance during whole life cycle.

Technical specification

Relay outputs:	3A/250V
Lock output:	500mA/12VDC

Transistor outputs:	250mA/24VDC
Communication:	RS485, 2 × IEX bus
Power supply:	240V
Ingress protection:	IP20
Operating temperature:	0..45°C
Storage temperature:	-20..75°C
Relative humidity:	0..95% n/c

Terminals

Power supply 240 V AC	L	1	Power supply input	Digital inputs common	19	GND	Common	
	N	2		Digital inputs	20	IX0	Card holder	
Room power relay	PWR	3	Relay outputs	Digital inputs	21	IX1	Thermostat	
Fan-coil 1st speed	F1	4		Digital inputs	22	IX2	Main door reed relay	
Fan-coil 2nd speed	F2	5		Digital inputs	23	IX3	Welcome light push-button	
Fan-coil 3rd speed	F3	6		Digital inputs	24	IX4	SOS pull-switch	
Fan-coil valve	VA	7		Digital inputs	25	IX5	Info panel control push-button	
Welcome light	QX0	8		Digital inputs	26	IX6	Window switch	
Thermostat ECO mode	QX1	9		Digital inputs	27	IX7		
Internal IEX bus GND	GND	10	Internal IEX bus	+12 VDC source	28	+12V	Access control +12V	
Internal IEX bus CANL	ICANL	11		RS485	29	A	Access control RXD-A	
Internal IEX bus CANH	ICANH	12		RS485	30	B	Access control TXD-B	
Internal IEX bus +24V	+24V	13	External IEX bus	GND	31	GND	Access control GND	
External IEX bus GND	GND	14		GND	32	GND	LOCK and Qx2-4 common	
External IEX bus CANL	ECANL	15		Lock output	33	LOCK	Door lock	
External IEX bus CANH	ECANH	16		Transistor outputs		34	QX2	Info panel - Make My Room
External IEX bus in +24V	+IN	17				35	QX3	Info panel - Do Not Disturb
External IEX bus out +24V	+OUT	18				36	QX4	Info panel - Room Service Request

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