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			20	IX0	Card holder
Room power relay	PWR	3	Relay outputs	Digital inputs	21	IX1	Thermostat
Fan-coil 1st speed	F1	4			22	IX2	Main door reed relay
Fan-coil 2nd speed	F2	5			23	IX3	Welcome light push-button
Fan-coil 3rd speed	F3	6			24	IX4	SOS pull-switch
Fan-coil valve	VA	7			25	IX5	Info panel control push-button
Welcome light	QX0	8			26	IX6	Window switch
Thermostat ECO mode	QX1	9			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			30	B	Access control TXD-B
Internal IEX bus +24V	+24V	13		GND	31	GND	Access control GND
External IEX bus GND	GND	14	External IEX bus	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