











HOTEL SOLUTION™

Hardware overview HOTEL SOLUTION™

Function	Name	Type	Data sheet	
Room control	Room controller	HRC3.1	6313	
	Room controller	HRC3.2	6314	
				
	HRC3.1	HRC3.2		
Room operator units	Room operator unit	HTC3.1/A	6319	
	Room operator unit with built-in sensor	HTC3.1S/A	6319	
	Room operator unit	HTC3.2	6320	
				
	HTC3.1..	HTC3.2/..		
Access control	Magnetic card	Magnetic card reader	HMR3.1/A	6334
		Magnetic card holder	HMH3.1/A	6335
		Magnetic card holder with doorbell	HML3.1/A	6335
		Magnetic card encoder	HBC1.M	6339
				
	HMR3.1/A	HMH3.1/A	HBC1.M	
Transponder card	Transponder card reader	HTR3.1/B	6337	
	Transponder card holder	HTH3.1/B	6336	
	Transponder card encoder	HTW3.1/B	6338	
				
	HTR3.1/B	HTH3.1/B	HTW3.1/B	

Chipcard	Chipcard reader	HCR3.2/..	6332
	Chipcard holder	HCH3.2/..	6333
	Chipcard encoder	HCW3.2	6340
			
	HCR3.2/BB	HCH3.2/BB	HCW3.2
Accessories	Temperature sensors	HSE1.1, HSE1.2	6221
	Adapter and cable set	HCS3.2	6355
			
	HSE1.1	HSE1.2	
OPC server	OPC server – interface for HOTEL SOLUTION room controller HRC3.1 / HRC3.2	HSO3.1	6325
Management software	Guest room control system	HSW3.1	6343

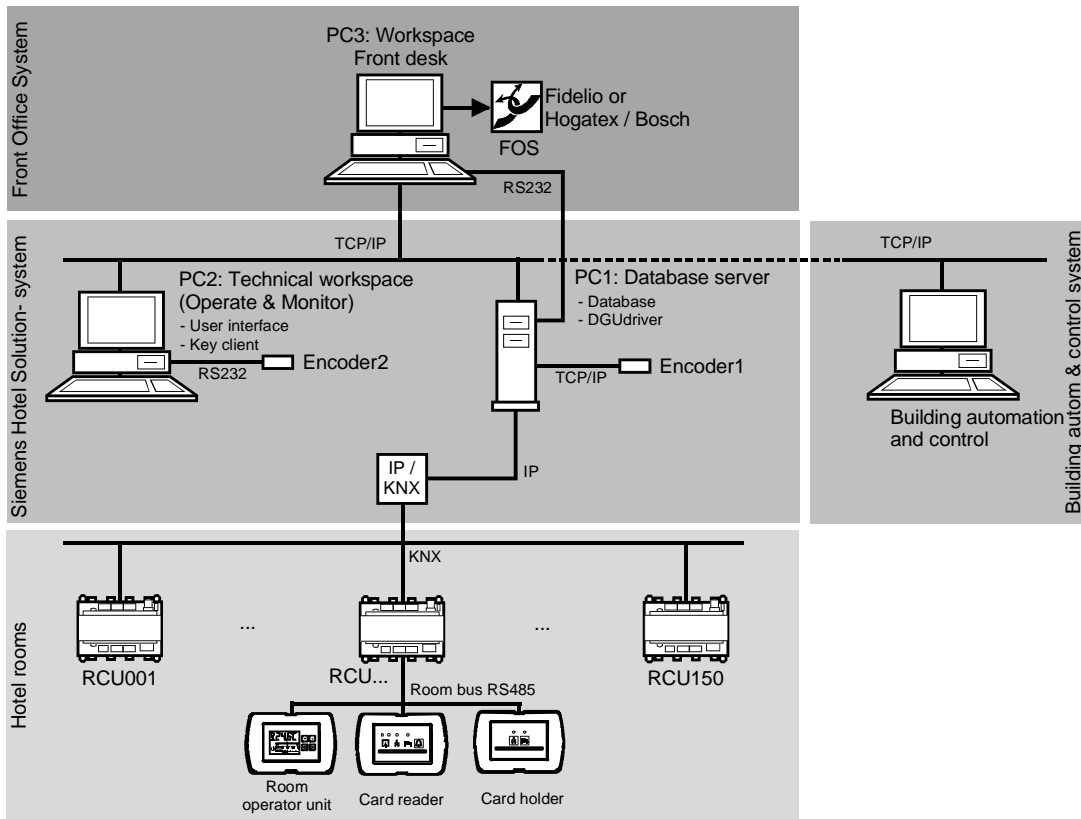
Available frames

Frames from different manufacturers are available for operator units and card readers and holders.

Examples



Sample topology



Equipment combinations

Compatibility of other devices

Device Type	Description	Data sheet	HRC3.1	HRC3.2
Operator units				
QAX84.1/PPS2	Flush-mounted room unit with temperature sensor, setpoint adjustment, Auto/Fan speed button, and LCD display	N1649	X	
Actuators				
SSB81	Electro-motoric actuator, 200 N, 5.5 mm, AC 24 V, 3P	N4891	X	X
SSP81	Electro-motoric actuator, 160 N, 2,5 mm, AC 24 V, 3P	N4864	X	X
STP72E	Electro-thermic actuator, 105 N, AC/DC 24 V, 2P	N4876	X	X
STA72E	Electro-thermic actuator, 105 N, AC/DC 24 V, 2P	N4875	X	X
Valves				
VXP45.10-1.6	Three-port valve, external thread, PN16, DN15, kvs 1,6	N4845	X	X
VXP47.10-1.6	Three-port valve, external thread, PN16, DN10, kvs 1,6	N4847	X	X
VDN2..	Throughport radiator valve, NF, 2-pipe system, PN10	N2106	X	X
VPD..	Throughport radiator valve, DIN / NF, pressure-compensated	N2185	X	X

Application	Actuator			Valve		Price / Performance relationship	
	Product No.	Voltage/ Signal	Type	Product No.	Type	Price (Index)	Performance
Fan coil	SSB81	AC 24 V/ 3P	Motoric	VXP45.10-1.6	3-port equal percentage (high hydraulic performance)	1.00	High
Cooling or heating	SSP81	AC 24 V/ 3P	Motoric	VXP47.10-1.6	3-port linear	0.97	Standard
With 3-port valves	STP72E	AC 24 V/ PWM, 2P	Thermal	VXP47.10-1.6	3-port linear	0.63	Medium
Radiator	STA72E	AC 24 V/ PWM, 2P	Thermal	VDN2..	Throughport NF (Norm Francais)	0.38	Standard
	STA72E	AC 24 V/ PWM, 2P	Thermal	VPD..	Throughport NF (Norm Francais) High performance MiniCombi valve	0.70	High