Product datasheet

Specifications



Hotel Room Controller w/Display 42 I/O

HRCPDG42R

To be discontinued

Main

Width	144 mm
Mounting mode	DIN rail mount
Device application	Hotel
Net weight	380 g
Product or component type	Room controller
Height	110 mm
Directives	2006/95/EC - low voltage directive 86/188/EEC - physical agents (noise) directive
Ambient air temperature for storage	-30…70 °C
Depth	60.5 mm
Ambient air temperature for operation	-20…60 °C
Flame retardance	Class D
IP degree of protection	IP20 modular enclosure conforming to IEC 60529
Network frequency	50/60 Hz
Relative humidity	5…95 % RH, non-condensing
Input type	12 x digital 12 x analog
Standards	EN/IEC 60730 CSA E60730-1 CSA E60730-1:ed. 13 CSA E60730-2-9 CSA E60730-2-9:ed. 1, 2011 UL 60730-2-9 UL 60730-2-9:2010 UL 60730-1 UL 60730-1:2009
Input voltage	24 V AC/DC
Output type	10 xdigital 2 xdigital 6 xanalog
Output voltage	250 V AC 0...10 V
Output current	3 A 1 A

Complementary

Realtime clock	Built-in

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Input impedance	20000 Ohm
Output impedance	700 Ohm
Rated power in W	15 W
Rated operational power in VA	35 VA
Display resolution	128 x 64 pixels
Power consumption in W	15 W at 24 V AC/DC
Connector type	1 USB type A female 1 USB device port Mini-B
Local signalling	Programmable: 4 LED on power
Protection type	Sensor power supply: 24 V DC (by HRC cartridge) Sensor power supply: 5 V DC (by HRC cartridge)
Physical interface	1 Ethernet - RJ45 Modbus TCP and BACnet IP with webserver 2 RS485 - screw terminal block Modbus serial link or BACnet MS/TP 1 CAN - screw terminal block
[Ue] rated operational voltage	24 V AC (+/- 10 %) 20...38 V DC
Display type	LCD monochrome
Function available	Bell switch management Bedside panel integration and control DND/MUR management In-room tablet integration and control Light control Blind control

Environment

Pollution degree	2
Overvoltage category	II

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9.000 cm
Package 1 Width	13.500 cm
Package 1 Length	18.500 cm
Package 1 Weight	510.000 g
Unit Type of Package 2	S02
Number of Units in Package 2	6
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	3.393 kg
Unit Type of Package 3	P12
Number of Units in Package 3	240
Package 3 Height	90.000 cm
Package 3 Width	80.000 cm
Package 3 Length	120.000 cm

Package 3 Weight	147.720 kg

Contractual warranty

Warranty (in months)	18

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Total lifecycle Carbon footprint	**680 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**35 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0.1 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**644 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.3 kg CO2 eq.**
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**Yes**
SCIP Number	**2f09121d-c6c0-4640-b7c4-69465bb1abd8**
EU RoHS Directive	Compliant

Use Again

Repack and remanufacture

End of life manual availability	End of Life Information
Take-back	**No**
WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**