VITRUM DESIGN

Vitrum EU 503 On-Off Cloud

Datasheet

DESCRIPTION

Vitrum Cloud EU503 On-Off is a wireless Z-Wave plus relay-based smart switch device.
As part of the Vitrum Design IoT environment it can be fully programmed, configured and updated via the Vitrum Design Cloud based platform which makes it one of the most versatile smart switch in the market.
It is conceived to be coupled with Vitrum Design Faceplate. To provide an intuitive feedback it's equipped with a high-quality RGB back- light and an acoustic signal generated once a button is touched. Adding a specific set of icons to the faceplate will make it even more simple and user friendly.
All the back-lights will fade out when the device is not in use and the stand-by mode is active.
It's available in three versions - according to the number of loads that need to be driven - with 1, 2 or 3 relays.
All the outputs on devices are dry contacts.
The End Points can be also configured as Satellite or Scenes.

TECHNICAL AND AESTHETIC SPECIFICATIONS

	A	B	C
Package Dimension (W x H x D)	135 x 50 x 170 mm	135 x 50 x 170 mm	135 x 50 x 170 mm
Package Weight	~200g	~200g	~200g
Backbox / DIN BAR MODULES	503 Italian Standard (74,0 x 107,0 x 51,3 mm)	503 Italian Standard (74,0 x 107,0 x 51,3 mm)	503 Italian Standard (74,0 x 107,0 x 51,3 mm)
Operating Ambient temperature	from 0°C to +40°C	from 0°C to +40°C	from 0°C to +40°C
Operating Humidity	20% - 90% RH non condensing	20% - 90% RH non condensing	20% - 90% RH non condensing
International Protection Marking (IP Code)	IP20	IP20	IP20
Storage temperature	from -40°C to +55°C	from -40°C to +55°C	from -40°C to +55°C
Storage Humidity	10% - 93% RH non condensing	10% - 93% RH non condensing	10% - 93% RH non condensing
Operating Voltage	230Vac 50/60Hz	230Vac 50/60Hz	230Vac 50/60Hz
Consumption	<1,5W standby	<1,5W standby	<1,5W standby
RF Radiated Powered	2,5 mW (max)	2,5 mW (max)	2,5 mW (max)
RF Range	Up to 40 m open range	Up to 40 m open range	Up to 40 m open range
Channels	1	2	3
Corona LED Back-light	RGB (Red; Green; Blue; Yellow; Magenta; Cyan; White)	RGB (Red; Green; Blue; Yellow; Magenta; Cyan; White)	RGB (Red; Green; Blue; Yellow; Magenta; Cyan; White)
Max Load	16 A per channel cos(Φ) 0,9 Resistive cos(Φ) 0,6 Inductive	16 A per channel cos(Φ) 0,9 Resistive cos(Φ) 0,6 Inductive	16 A per channel cos(Φ) 0,9 Resistive cos(Φ) 0,6 Inductive
Glass Dimensions (W x H x D)	126 x 95 x 8 mm	126 x 95 x 8 mm	126 x 95 x 8 mm
Buttons Diameter	38 mm	16 mm	16 mm
Manufactured in compliance with	Electrical safety (LVD) 2014/35/EU Electromagnetic compatibility (EMC) 2014/30/EU Radio (RED) 2014/53/EU Presence of hazardous substances (RoHS II) 2011/65/EU Waste electrical and electronic equipment (WEEE) 2012/19/EU	Electrical safety (LVD) 2014/35/EU Electromagnetic compatibility (EMC) 2014/30/EU Radio (RED) 2014/53/EU Presence of hazardous substances (RoHS II) 2011/65/EU Waste electrical and electronic equipment (WEEE) 2012/19/EU	Electrical safety (LVD) 2014/35/EU Electromagnetic compatibility (EMC) 2014/30/EU Radio (RED) 2014/53/EU Presence of hazardous substances (RoHS II) 2011/65/EU Waste electrical and electronic equipment (WEEE) 2012/19/EU

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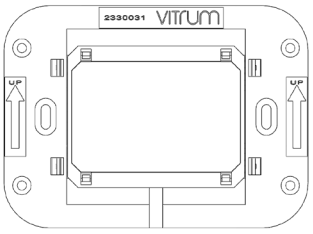
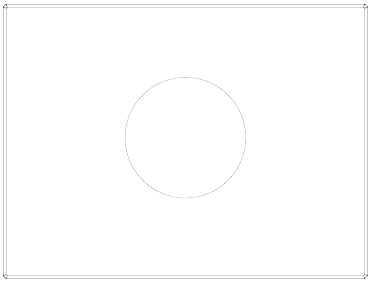
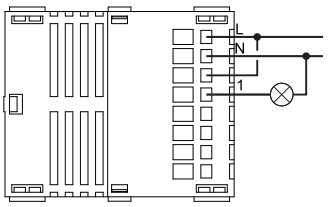
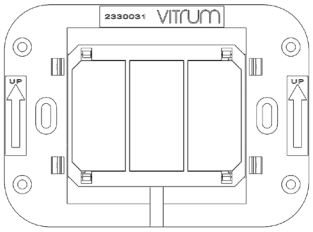
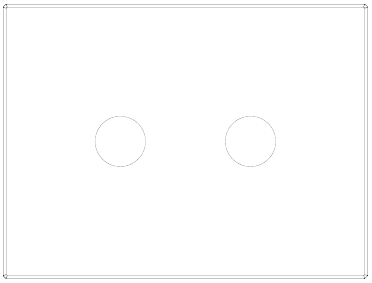
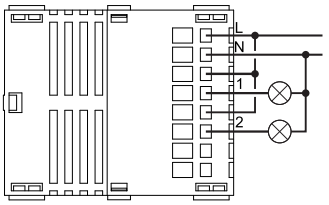
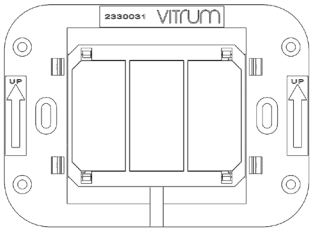
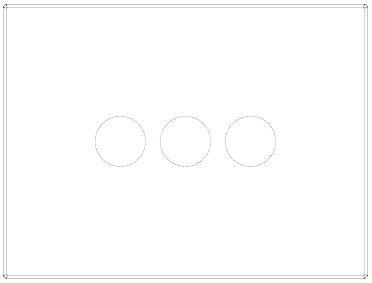
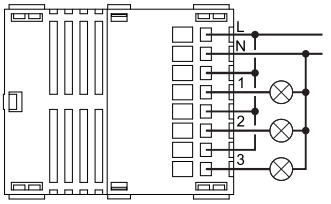
	Electronic	Aesthetics Component	Wiring
A			
B			
C			

	Device	Code (Electronic)	Region	Frequencies
A	Vitrum Cloud I EU503 On-Off	01E01H020	EU	868,4 MHz
		01EE10020	IL	916,0 MHz
		01EB1H020	KR	921,4 MHz
B	Vitrum Cloud II EU503 On-Off	01E02H020	EU	868,4 MHz
		01EE20020	IL	916,0 MHz
		01EB2H020	KR	921,4 MHz
C	Vitrum Cloud III EU503 On-Off	01E03H020	EU	868,4 MHz
		01EE30020	IL	916,0 MHz
		01EB3H020	KR	921,4 MHz

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