

13. Legal Information & Datasheet

This product complies with the requirements of European Directives 2006/95/EC, 2004/108/EC and 1999/5/EC.

Europe - EU Declaration of Conformity



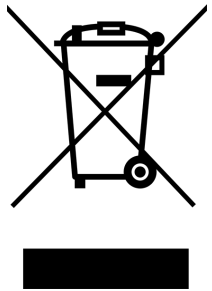
A copy of the EU Declaration of Conformity is available by request from Heat Genius at Heat Genius Ltd, 41 Hylton Street, Birmingham, B18 6HJ. Email: support@geniushub.co.uk

UK - Declaration of Conformity



A copy of the UK Declaration of Conformity is available by request from Heat Genius at Heat Genius Ltd, 41 Hylton Street, Birmingham, B18 6HJ. Email: support@geniushub.co.uk

European Union - Disposal Information



The symbol above means that according to local laws and regulations your product should be disposed of separately from household waste. When this product reaches its end of life, take it to a collection point designated by local authorities. Some collection points accept products for free. The separate collection and recycling of your product at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.

An important note

Please read this document carefully as well as the accompanying safety material provided before you use the Genius Hub.

You can find out more about the product and information about installation by visiting our website at: www.geniushub.co.uk

Your Genius Hub comes with 90 days of technical support and a 2-year manufacturers warranty on manufacturing defects.

If you have any problems with this product please do not hesitate to contact us through details on the website or submit a Bug Report from the app.

Heat Genius Ltd, 41 Hylton Street, Birmingham, B18 6HJ.

Email: support@geniushub.co.uk

Website: www.geniushub.co.uk

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Datasheet



Full specifications can be downloaded from: <https://www.geniushub.co.uk/wiring>

Operating Environment: Operating the Genius Devices outside these ranges may affect performance:

- Transmission Frequency: 868.42 (EU) MHz (*unless otherwise stated*)
- Relative humidity: 10% to 85% (noncondensing)
- Operating altitude: 0 to 3048 meters (0 to 10,000 feet)
- Indoor User Only
- RoHS Compliant

Genius Hub specifications:

- Line Voltage & Frequency: 230V AC, 50-60Hz, single phase
- USB Line Voltage: 5V DC, Current: 2A Max. (10W)
- Regulation: EN 55022:2010 + AC:2011, EN 55024:2010, EN 61000-3-2:2006+A2:2009, EN 61000-3-3:2013

Communications Adapter specifications:

- Connection: 5V DC (USB)
- Transmission Frequency: 2.4 GHz
- Enclosure Protection: IP20
- Regulation: SiLabs EFR32MG1 chip, IEEE 802.15.4

Single Channel Receiver specifications:

- Line Voltage & Frequency: 230V AC, 50-60Hz, single phase
- Contact Type: Micro disconnection voltage free
- Contact Rating: 3 (1) A 230V AC Max.
- Rated impulse voltage: CAT 2 - 2500V
- Enclosure Protection: IP30
- Regulation: EMC 2004/108/EC, R&TTE 1999/5/EC, LDV 2006/95/EC

Dual Channel Receiver specifications:

- Line Voltage & Frequency: 230V AC, 50-60Hz, single phase
- Contact Rating: 3 (1) A 230V AC Max.
- Rated impulse voltage: CAT 2 - 2500V
- Enclosure Protection: IP30
- Regulation: EMC 2004/108/EC, R&TTE 1999/5/EC, LDV 2006/95/EC

Electric Switch specifications:

- Line Voltage & Frequency: 230V AC, 50-60Hz, single phase
- Resistive Load: 13A (3000W)
- Inductive Load: 3A (750W)
- Contact Type: Micro disconnection
- Rated impulse voltage: CAT 2 - 2500V
- Enclosure Protection: IP30
- Regulation: EN 60730-2-7, CE, R&TTE, ETSI EN 300 220-2, ETSI EN 301 489-3

Smart Plug specifications:

- Line Voltage & Frequency: 230V AC, 50-60Hz, single phase
- Transmission Frequency: 2.4GHz & 868.42 (EU) MHz
- Resistive Load: 13A (3000W)
- Incandescent Load: 6A (1500W)
- Fluorescent Load: 1A (320W)
- Load Return Error Rate 5W~40W:±3W
- Load Return Error Rate 40W~3150W:±5%
- Overload: 3300W
- Regulation: LVDEN 61058, R&TTEEN 301489, EN 300200

Wireless Thermostat specifications:

- Power Supply: 3 x AA alkaline batteries
- Temperature Range 5°C - 30°C
- Enclosure Protection: IP21
- Regulation: EN 62479:2010, EN 62368-1:2014+A11:2017

Radiator Valve specifications:

- Power Supply: 2 x AA alkaline batteries
- Transmission Frequency: 2.4GHz
- Maximum Water Temperature: 90°C
- Noise Level: <30 dBA
- Max Spindle Movement: 2mm

- Enclosure Protection: IP20

Room Sensor specifications:

- Power Supply: CR123A lithium battery (1500mAh)
- Range: Front = 10m, +/- 45° = 8m
- Regulation: EN60950-1:2006, A11:2009, FCC part 15.249, EN300 220-1

Motion Sensor specifications:

- Power Supply: CR123A lithium battery (1500mAh)
- Detection Range: Front = 10m, +/- 45° = 6m
- Regulation: EN60950-1:2006, A11:2009, FCC part 15.249, EN300 220-1

Electric Relay specifications:

- Line Voltage & Frequency: 230V AC, 50-60Hz, single phase
- Contact Type: Micro disconnection
- Resistive Load: 11A (2400W)
- Regulation: FCC part15.249, EN 300 220-1, NCC

Powered Room Thermostat specifications:

- Line Voltage & Frequency: 230V AC, 50-60Hz, single phase
- Contact Type: Micro disconnection
- Resistive Load: 16A (3600W)
- Inductive Load: 3A (750W)
- Enclosure Protection: IP21