9. A system or electrically operated aerosol-generating device according to any one of claims 3 to 8, wherein the first voltage threshold is between 1 and 30 Volts and advantageously between 2 and 8 Volts.

10. A system or electrically operated aerosol-generating device according to any one of the preceding claims, wherein the data receiving circuit is configured to determine logic levels in the data by comparing an input voltage with a third threshold voltage.

11. A system according to any one of the preceding claims, wherein the host device is a battery charging device.

12. A method for receiving power and data from a host device at an electrically operated aerosol-generating device having a power receiving circuit and a data receiving circuit over an electrical connection through a single pair of electrical contacts, comprising:
receiving at a input an electrical signal from the host device; and
performing a comparison of a voltage of the input signal received at the input with a threshold voltage; and
connecting or disconnecting the input and the power receiving circuit or the data receiving circuit dependent on a result of the comparison.

13. A method according to claim 12, wherein the step of performing a comparison is performed continuously while the electrical signal is being received at the input.