

Declaration of Conformity to EU RoHS

Products listed below that are manufactured by Zettler are in compliance with Directive 2015/863 was published in 2015 by the EU, which is known as RoHS 3. RoHS 3 adds four additional restricted substances (phthalates) to the list of six. In addition, this declaration of conformity is issued under the sole responsibility of American Zettler. Specifically, products manufactured do not contain the substances listed in the table below in concentrations greater than the listed maximum value.

We would like to point out expressly that it is the customer's responsibility to pay attention to the possible exceptions and their validity - such as the use of relays with cadmium-containing contacts. We particularly ask you to observe the delegated directives (EU) 2018/742 and (EU) 2019/171.

- **Lead (Pb): < 1000 ppm**
- **Mercury (Hg): < 100 ppm**
- **Cadmium (Cd): < 100 ppm**
- **Hexavalent Chromium: (Cr VI) < 1000 ppm**
- **Polybrominated Biphenyls (PBB): < 1000 ppm**
- **Polybrominated Diphenyl Ethers (PBDE): < 1000 ppm**
- **Bis(2-Ethylhexyl) phthalate (DEHP): < 1000 ppm**
- **Benzyl butyl phthalate (BBP): < 1000 ppm**
- **Dibutyl phthalate (DBP): < 1000 ppm**
- **Diisobutyl phthalate (DIBP): < 1000 ppm**

Product Identification:

- All products manufactured by Zettler - (Relays, Magnetics, Controls).
- If Cadmium oxide used – exemption by amendment 8b “for use with electrical contacts” only applies.
- Cadmium oxide used – exemption by amendment 8(b)-I
Cadmium and its compounds in electrical contacts used in:
 - circuit breakers,
 - thermal sensing controls,
 - thermal motor protectors (excluding hermetic thermal motor protectors),
 - AC switches rated at:
 - 6 A and more at 250 V AC and more, or
 - 12 A and more at 125 V AC and more,
 - DC switches rated at 20 A and more at 18 V DC and more, and
 - switches for use at voltage supply frequency ≥ 200 Hz.



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More information you can find under following links:

Directive 2011/65/EU

<https://eur-lex.europa.eu/legal-content/EN/ALL/?uri=celex%3A32011L0065>

<https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=celex%3A32011L0065>

Delegated Directive (EU) 2015/863

https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=OJ%3AJOL_2015_137_R_0003

Delegated Directive (EU) 2018/742

<https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A32018L0742>

Delegated Directive (EU) 2019/171


https://eur-lex.europa.eu/eli/dir_del/2019/171/oj?locale=en

ElektroStoffV

<https://www.gesetze-im-internet.de/elektrostoffv/BJNR111100013.html>

If you have any further questions, please contact our Material Compliance contact person.

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