

Working Group IoT, Cyber-Security and Inverters

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Tasks of the WG

Active tasks of the working group

- *possible successor of Modbus RTU in the European HVAC/R industry. We are analyzing the pros and cons of various modern bus systems*
- *Electronic datasheet for Modbus RTU devices*
- *cyber security: we focus especially on monitoring the EU activities in standardization and regulation*
- *inverters: main focus on safety approvals for inverters used in HVAC/R*
- *Substance restrictions like PFAS und RoHS are important again for electronics in HVAC/R*
- *RED directive for WiFi and Bluetooth devices*

RoHS Exemption PTCs special problem



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Federal Ministry for Climate Action, Environment,
Energy, Mobility, Innovation and Technology
Division V/2
Stubenbastei 5
1010 Vienna
Austria

RoHS Exemption 7(a) and 7(c)-I

Dear Sir or Madam,

We are following with great concern Öko-Institut's recommendations regarding RoHS Exemption 7(a) and 7(c)-I for PTCs in compressors for heating, refrigeration and air conditioners. From the industry's point of view, the continuation of this exemption is essential.

On behalf of the undersigned companies, we ask you to support the unrestricted extension of RoHS Exemption 7(a) and 7(c)-I for PTCs in compressors for heating, refrigeration and air conditioners.

Next steps 2022 / 23

- *Win new members for the working group*
- *Test setup for the electronic datasheet Modbus RTU*
- *Follow up cyber-security legislation and standards in Europe and the US*
- *Invite external experts (e.g. semiconductor manufacturers) to present about our tasks*