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Material Declaration of Conformity (M-DoC)

- **European DIRECTIVE 2011/65/EU (RoHS II)**
- **European REACH REGULATION (EC)1907/2006**
- **European POP Regulation (EU) 2019/1021**
- **U.S. EPA TSCA Section 6(h) - PBTs**
- **U.S. EPA TSCA Section 8(a)(7) – PFAS**
- **California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986)**
- **PULS Statement regarding requirement "Asbestos-Free" devices**
- **PULS Statement regarding requirement "Halogen-Free" devices**
- **European REGULATION (EU) 2025/40 on packaging and packaging waste (PPWR) and Commission DECISION 97/129/EC on packaging identification**

PULS Sales-number / Model Designation
ZM1.WALL

European DIRECTIVE 2011/65/EU (RoHS II)

The declared mounting accessories meets regulations regarding the restriction in the use of certain hazardous substances in electrical and electronic equipment according the DIRECTIVE 2011/65/EU (RoHS II) amended by DIRECTIVE (EU) 2017/2102.

The RoHS II conformity of the declared mounting accessories has been in effect since the date of market launch and at the earliest when DIRECTIVE 2011/65/EU come into force.

The declared mounting accessories meets the restricted substances referred to in Article 4 (1) and maximum concentration values by weight of homogeneous materials according to Annex II.

Annex II to the Directive 2011/65/EU was amended by DIRECTIVE (EU) 2015/863. PULS confirms compliance with these additional substance restrictions.

Applications exempted from the restriction in Article 4(1) according to Annex III are:

none

Note: The technical documentation as proof of compliance with the applicable RoHS DIRECTIVE 2011/65/EU is given in accordance with *EN IEC 63000:2018 (Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances).*

European REACH Regulation (EC) 1907/2006

As a manufacturer of electronic power supplies, PULS GmbH is a "downstream user" with regards to the Regulation for the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). Therefore, PULS is providing information only on non-chemical articles (products). In principle, PULS GmbH is not subject to any obligation to register or to compile material safety data sheets.

PULS hereby confirms that its mounting accessories comply with the legal obligations regarding Article 33 and the restrictions outlined in Annex XVII of the European REACH Regulation 1907/2006 which came into force on 01.06.2007.

PULS and its suppliers will continuously review the actual ECHA "Candidate List" for additions and updates and act accordingly in compliance with REACH regulations. The actual candidate list is provided on the European Chemicals Agency website at:

https://echa.europa.eu/candidate-list-table

The information requirement of REACH Article 33 is met by considering the ECJ-Judgment (Case C-106/14) for calculating the SVHC content in articles.

The SVHC weight calculation is done in recommendation according to the - ECHA Guidance on requirements for substances in articles.

For the declared mounting accessories there is to-date no evidence within our supply chain that our product contain articles with a substance which is listed in the ECHA "candidate list" SVHC (Article 59) with a weight of >0.1%.

Note: The technical documentation as proof of compliance with the applicable REACH Regulation 1907/2006 is given in accordance with *EN IEC 63000:2018 (Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances).*

European POP Regulation (EU) 2019/1021

PULS confirms the Regulation (EU) 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants (POP).

For the declared mounting accessories there is to-date no evidence within our supply chain that:

- our mounting accessories contains prohibited substances from Annex I of POP regulation.
- there is any use of exemption from control measures acc. Article 4 (see additionally Annex I) of POP regulation.

Note: The technical documentation as proof of compliance with the applicable POP Regulation (EU) 2019/1021 is given in accordance with *EN IEC 63000:2018 (Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances).*

U.S. EPA TSCA Section 6(h) - PBTs

The United States Environmental Protection Agency (EPA) requires under the Toxic Substances Control Act (TSCA) Section 6(h) restrictions and information obligation regarding the 5 PBT substances.

For the declared monting accessories there is to-date no evidence within our supply chain that our monting accessories contain articles with prohibited PBT substances listed in TSCA Section 6(h).

Note: The technical documentation as proof of compliance with the applicable TSCA Section 6(h) (USA) is given in accordance with *IEC 63000:2018 (Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances).*

U.S. EPA TSCA Section 8(a)(7) – PFAS

PULS is not a manufacturer of substances from the PFAS substances group. Our responsibility and option for action therefore lies in analyzing the supply chains of our supply materials regarding PFAS applications.

PULS hereby confirms that it will report the PFAS substances contained in this mounting accessories as soon as we have information from our supply chain. Furthermore, we confirm that we will comply with the legal reporting obligations of **U.S. EPA TSCA Section 8(a)(7)** regarding the PFAS substances contained in this mounting accessories in a timely manner.

As of now, we have the following information from our supply chain about PFAS substances for the mounting accessories declared here:

None (no PFAS information from supply chain)

Note:
- The technical documentation as proof of compliance with the applicable TSCA Section 8(a) (7) (USA) is given in accordance with IEC 63000:2018 (Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances).
- For certain components, suppliers have confirmed the presence of PFAS substances but have not disclosed further substance-specific details. In such cases, data is reported based on available supplier information only.
- Any quantitative values provided represent typical values based on current knowledge and do not constitute exact material composition data.

California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986)

This PULS declared mounting accessories may contain one or more substances listed under California Proposition 65 (Title 27, California Code of Regulations). As required under Proposition 65, we hereby inform our business customers (B2B) in the state of California that such substances may be present above the regulatory thresholds. In accordance with Section 25607.1 of the regulation, we provide this written notice to comply with Proposition 65 requirements for business-to-business transactions. No product labeling is required when such notice is properly communicated and acknowledged.

A current list of Proposition 65 substances can be found at: https://www.p65warnings.ca.gov/chemicals

The following substance(s) may be present in this product:

Substance	CAS Number	Application Context
none	none	none

These substances are encapsulated or present in solid form, and no significant exposure is expected under normal handling and use. This information is provided in good faith and based on the best available data from our suppliers.

PULS Statement regarding requirement "Asbestos-Free" devices

The **declared mounting accessories is "asbestos free"** as regulated by the REACH Regulation (EC)1907/2006.

Note: The technical documentation as proof of compliance with the applicable REACH Regulation 1907/2006 is given in accordance with *EN IEC 63000:2018 (Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances).*

PULS Statement regarding requirement "Halogen-Free" devices

Based on IEC 61249-2-21, PULS GmbH declares its mounting accessories as halogen-free if the total concentration of halogens in the mounting accessories does not exceed 1500 ppm.

The halogen content of the mounting accessories declared here is **less than 1500 ppm** in relation to the total weight of the mounting accessories. The mounting accessories will therefore be declared as - **halogen-free**.

Note: The technical documentation as proof of halogen-free compliance based on IEC 63000:2018 (Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances).

European REGULATION (EU) 2025/40 on packaging and packaging waste (PPWR) and Commission DECISION 97/129/EC on packaging identification

This section refers exclusively to the product-specific original primary packaging of the declared mounting accessories.

Secondary and/or tertiary packaging materials may vary depending on delivery quantity, mode of transport, logistics requirements, customer-specific packaging requirements or shipment configuration and are therefore not included in this product-specific packaging declaration.

This packaging-related declaration is based on currently available packaging specifications, supplier declarations, material information and internal packaging documentation for the original primary packaging.

The original primary packaging of the declared mounting accessories is used for packaging, handling, storage, product identification and protection of industrial power supplies. It may consist of paper/cardboard-based packaging components and, where applicable, plastic packaging components such as ESD bags, accessory bags, labels or packaging tape.

The detailed technical documentation and conformity assessment for the packaging are maintained in the applicable internal packaging documentation.

The following PPWR requirements have been assessed for the original primary packaging:

PPWR article	**Requirement**	**Declaration status for the original primary packaging**
Article 5	Substances in packaging	Substances in packaging The original primary packaging materials are assessed with regard to substance restrictions applicable to packaging, including heavy metals and PFAS where relevant. The sum of concentration levels of lead, cadmium, mercury and

PPWR article	Requirement	Declaration status for the original primary packaging
		hexavalent chromium in the packaging or packaging components does not exceed 100 mg/kg. Based on currently available supplier and material information, there is no indication that PFAS substances are intentionally added to the listed primary packaging materials. Supporting evidence is based on supplier declarations, material specifications and/or test reports.
Article 6	Recyclable packaging	The original primary packaging is assessed with regard to recyclability. Paper/cardboard-based components are assigned to the paper/cardboard material stream. Plastic packaging components, if used, are declared separately in the packaging material table.
Article 7	Minimum recycled content in plastic packaging	No PPWR minimum recycled-content quota is declared as fulfilled as of 12 August 2026. For plastic packaging components, if used, the available recycled-content information is stated in the packaging material table.
Article 8	Bio-based feedstock in plastic packaging	This requirement is not declared as applicable for the standard paper/cardboard-based original primary packaging, unless bio-based plastic packaging components are explicitly listed in the packaging material table.
Article 9	Compostable packaging	This requirement is not declared as applicable for the original primary packaging of industrial power supplies unless compostable packaging components are explicitly listed in the packaging material table.
Article 10	Packaging minimisation	The original primary packaging is designed to be limited to the minimum necessary weight and volume required for product protection, transport safety, handling, storage and provision of required product information.
Article 11	Reusable packaging	The original primary packaging is not designed or placed on the market as reusable packaging, unless expressly stated otherwise.
Article 12	Labelling of packaging	Material identification codes are provided in accordance with Commission Decision 97/129/EC where applicable. Additional PPWR labelling requirements will be implemented in accordance with the applicable timelines and implementing or delegated acts.

The following table shows the main separable packaging materials used for the original primary packaging of the declared mounting accessories.

Printing inks, adhesives, coatings or labels are included where they are inseparable from the listed packaging components and are not declared as separate packaging components.

Packaging part name	Material name	Packaging code	Weight (g)	Recycled content (%)	Basis / source of information
Installation manual	Paper	22-PAP	2.9	not specified	Material Specification
Folding Cardboard	PAP Corrugated fibreboard	20-PAP	54.0	not specified	Supplier declaration
ESD BAG	PE-LD (Low density polyethylene)	4-LDPE	4.0	not specified	Supplier declaration

The absence of an entry for recycled content shall not be interpreted as confirmation that no recycled content is present. It means that no confirmed recycled-content information is available from the supplier or internal documentation at the date of issue of this M-DoC.

RoHS requirements are considered not applicable to the listed primary packaging materials, unless a packaging component itself falls within the scope of electrical and electronic equipment.

Based on currently available supplier and material information, there is no indication that the listed primary packaging materials contain REACH SVHC above the applicable reporting threshold or substances restricted under REACH Annex XVII or the POP Regulation.

Name and address of the responsible manufacturer	**PULS GmbH** **Elektrastraße 6** **81925 Munich** **Germany**

Friedrich Haunschild*

i. V. Friedrich Haunschild, Expert Material Declaration
name, function, electronic signature

**The M-DoC is valid with electronical signature.*