

## Product Safety Sheet for European Mains Block with Filters & Surge Protection



**Product Name:** European Mains Block MDXX-EU/SP

**Manufacturer Information:**

**Name:** Supra Cables / Jenving Technology AB

**Address:** Bastebacka 112-113, 45991 Ljungskile, Sweden

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### 1. Product Description

**Product Type:** Power mains block designed for 110-250V systems in European markets, featuring integrated Non-Intrusive Filtering (NIF) and surge protection.

**Applications:** Intended for use in residential and commercial environments to reduce electromagnetic interference (EMI), protect against power surges, and improve power quality for connected devices.

### 2. Safety Standards and Compliance

**Relevant Directives and Standards:**

- Low Voltage Directive (LVD) 2014/35/EU
- Electromagnetic Compatibility Directive (EMC) 2014/30/EU
- RoHS Directive 2011/65/EU
- General Product Safety Regulation (GPSR) 2023/988

**CE Marking:** This product conforms to all applicable EU safety, health, and environmental protection standards and bears the CE marking.

### 3. Risk Assessment and Mitigation

**Potential Hazards:**

- **Electrical Shock:** Risk of electric shock if the product is improperly handled or damaged.
- **Overheating:** Overheating may occur if the product is overloaded or improperly ventilated.
- **EMI Interference:** Risk of ineffective EMI suppression if product is misused.
- **Surge Damage:** Potential damage to connected devices if surge protection is compromised.

**Mitigation Measures:**

- Equipped with Non-Intrusive Filtering (NIF) to reduce RFI noise without affecting audio dynamics.
- Integrated three-way surge protection (Live-Earth, Neutral-Earth, Live-Neutral) to safeguard against power surges and lightning strikes.
- Clear usage instructions provided to avoid overloading and ensure proper ventilation.
- Tested in compliance with EN standards to ensure effective EMI suppression.

### 4. Technical Specifications

- **Input Voltage:** 110-250V
- **Frequency Range:** 50-60Hz
- **Max Load:** 2300W (10A versions); 3680W (16A versions)
- **Surge Protection:** Three-way protection (Live-Earth, Neutral-Earth, Live-Neutral)

- RFI Noise Damping: Up to 40dB
- Chassis: Shielded aluminum to prevent electric, electromagnetic, and magnetic fields

## 5. Labeling and Traceability

Each product is labeled with:

- Product Name
- Serial/Batch Number
- Manufacturer Contact Information
- CE Marking

## 6. Instructions for Safe Use

- Only use the product within specified voltage and frequency limits.
- Ensure proper ventilation to avoid overheating.
- Avoid exposure to moisture or direct sunlight.
- Disconnect from mains during installation or maintenance.

## 7. Incident Management and Reporting

Post-Market Surveillance:

- Supra Cables monitors product performance and user feedback to identify potential safety issues. Incident Reporting:
- In case of a safety issue, customers are encouraged to contact Supra Cables immediately.
- Incidents will be reported to relevant authorities via the EU Safety Business Gateway as required by GPSR.

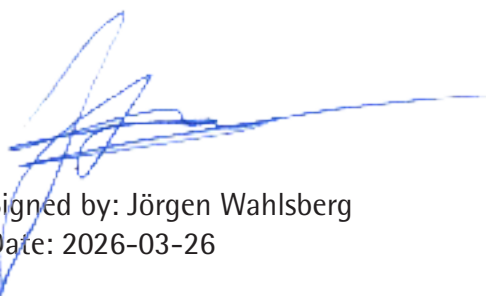
## 8. Declaration of Conformity

Supra Cables declares that this product complies with the following directives and standards:

- CE, RoHS, REACH, EAC, WEEE & Verified by Intertek Sweden
- EN 50085-2-4:2009 in conjunction with EN 50085-1:2005

## 9. Disposal Instructions

- Dispose of this product in accordance with local electronic waste disposal regulations.
- Do not discard with general household waste.



Signed by: Jörgen Wahlsberg  
Date: 2026-03-26

