

EU Declaration of Conformity

Powerswitch – 230 V AC Switching Mains Adapter (Articles 51680202 and 51680205)

Document reference: MSE-PSW-DOC-2026-001
Revision: Rev. 1.0
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Issued in accordance with: Annex IV of Directive 2014/35/EU (LVD), and
Annex IV of Directive 2014/30/EU (EMC)

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First issue of the EU Declaration of Conformity for the Powerswitch. This declaration covers **both** the standalone product (article 51680202) and the functionally identical hardware shipped as a bundled accessory of the Fency v6+ AC kits (article 51680205); the two article numbers refer to the same physical assembly and differ only in type-label artwork and packaging.

The Technical Documentation File (**MSE-PSW-TDF-2026-001**) is held at the manufacturer's address and made available to the competent national surveillance authorities on reasoned request, in compliance with Article 7 of Directive 2014/35/EU and Article 7(8) of Directive 2014/30/EU.

1 Manufacturer

| | |
|-----------------------------|---|
| Legal entity: | MS Electronics GmbH |
| Address: | Kampstraße 1, A-1200 Wien, Austria |
| Email: | info@ms-electronics.at |
| Web: | www.ms-electronics.at |
| VAT ID: | ATU 69216779 |
| Commercial register: | FN 426644v, Commercial Court Wien |
| Authorised person: | Dipl.-Ing. Josef Filzmaier, Managing Director |

The manufacturer is established within the European Union; therefore no separate Authorised Representative pursuant to Article 7 of Directive 2014/35/EU or Article 5 of Directive 2014/30/EU is required.

2 Object of the Declaration

| | |
|------------------------------|---|
| Product name: | Powerswitch |
| Article No.: | 51680202 (standalone product) and 51680205 (functionally identical hardware bundled as accessory of the Fancy v6+ AC kits 51680314 / 51680315). Both article numbers refer to the same physical assembly; they differ only in type-label artwork and packaging. |
| Internal designation: | “Netzteil mit Schalter, 5 W” |
| Product kind: | 230 V AC mains-powered switching adapter |
| Output: | switched +12 V DC, ≤ 5 W; switching state controlled by a logic-level signal from a Fancy Fence Control unit |
| Hardware revision: | ENNR-MSE202307 |

The Powerswitch is an electromechanical mains accessory for use with the MS Electronics *Fancy* family. It is housed in a Strapubox SG500SD Schuko-plug enclosure and contains, as the safety-critical mains-isolating sub-component, the Myrra 47154 encapsulated SMPS module (CE / VDE Approval No. 40034334 / ENEC / cULus / RoHS / REACH; 4 kV AC reinforced primary-to-secondary dielectric strength; UL 94 V-0 encapsulation). Switching of an external 230 V AC consumer load is performed by a Schrack RM51-3011-85-1012 fail-safe-open mains relay (10 A 1-form-C @ 250 V AC); an Aswo S10K275 metal-oxide varistor (IPN 510358275) on the primary side provides surge clamping per EN 61000-4-5 (± 2 kV L-N).

The Powerswitch carries no integrated load; the maximum third-party-load current at the relay output is declared as **10 A**, set by the contact rating of the Schrack RM51 relay (below the 16 A nominal current of an unrestricted Schuko outlet). The maximum permitted

load is stated on the type label and in the user instructions.

3 Declaration

We, MS Electronics GmbH, declare under our sole responsibility that the product identified above is in conformity with the relevant Union harmonisation legislation listed in Section 4, when used in accordance with its intended purpose and the instructions for use supplied with the product.

4 Applicable Union Harmonisation Legislation

| Reference | Title / scope |
|---|--|
| Directive 2014/35/EU (LVD) | Low Voltage Directive – primary directive for the 230 V AC mains-powered apparatus, covering electrical-safety essential requirements. |
| Directive 2014/30/EU (EMC) | Electromagnetic Compatibility Directive – covering emissions and immunity essential requirements. |
| Directive 2011/65/EU + (EU) 2015/863 (RoHS) | Restriction of Hazardous Substances. |
| Directive 2012/19/EU (WEEE) | Waste Electrical and Electronic Equipment – marking and producer-registration. |
| Regulation (EC) No 1907/2006 (REACH) | Registration, Evaluation, Authorisation and Restriction of Chemicals; SVHC compliance. |

5 Applied Harmonised Standards

The following harmonised standards (or parts thereof), the references of which have been published in the Official Journal of the European Union, have been applied. Conformity with these standards confers presumption of conformity with the corresponding essential requirements.

5.1 Directive 2014/35/EU (LVD) – electrical safety

| Standard | Application |
|---|---|
| EN 60335-1:2012 + A11:2014 + A1:2019 + A14:2019 + A2:2019 | Household and similar electrical appliances – general safety requirements; applied to the assembled mains-powered apparatus. |
| EN IEC 62368-1:2020 + A11:2020 | Audio/video, information and communication technology equipment – general safety. Inherited from the supplier-level certification of the Myrra 47154 SMPS module. |
| EN 61558-2-16:2009 + A1:2013 | Safety of transformers, reactors, power-supply units and combinations thereof – switch-mode power-supply units. Inherited from the supplier-level certification of the Myrra 47154 SMPS module. |

5.2 Directive 2014/30/EU (EMC) – electromagnetic compatibility

| Standard | Application |
|-----------------------------|--|
| EN 55032:2015 + A11:2020 | Multimedia equipment – emission requirements. |
| EN 55035:2017 + A11:2020 | Multimedia equipment – immunity requirements. |
| EN 61000-3-2:2019 + A1:2021 | Limits for harmonic current emissions. |
| EN 61000-3-3:2013 + A2:2021 | Limits of voltage changes, fluctuations and flicker. |

5.3 Directive 2011/65/EU (RoHS) – hazardous substances

| Standard | Application |
|-------------------|---|
| EN IEC 63000:2018 | Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances. |

6 Conformity Assessment Procedure

Module A – Internal Production Control has been applied independently under each of the applicable directives:

- Annex III of Directive 2014/35/EU (LVD), and
- Annex II of Directive 2014/30/EU (EMC).

The harmonised standards listed in Section 5 have been applied to the essential requirements of the LVD and the EMC Directive. Presumption of conformity for the safety-critical mains-isolating sub-component (Myrra 47154 SMPS module) is inherited from the supplier-level certification programme (CE / VDE / ENEC / cULus). The documented assembly procedure (recorded as Annex B of the Technical Documentation File) preserves the supplier-level isolation and creepage/clearance properties of the SMPS module. Per-mechanism implementation detail, the supporting BOM, the assembly procedure and any documented compensating measures relied upon are recorded in the Technical Documentation File (**MSE-PSW-TDF-2026-001**).

No notified body was involved in the assessment; both the LVD and the EMC directives permit Module A self-assessment for this product type.

7 Technical Documentation

The technical documentation required by Annex III of Directive 2014/35/EU and Annex II of Directive 2014/30/EU is compiled and maintained at the manufacturer's address under reference **MSE-PSW-TDF-2026-001** and is made available to the competent national surveillance authorities on reasoned request, in compliance with Article 7 of Directive 2014/35/EU and Article 7(8) of Directive 2014/30/EU.

8 Signed for and on Behalf of the Manufacturer

Place of issue: Vienna, Austria
Date of issue: 30 April 2026
Name: Dipl.-Ing. Josef Filzmaier
Position: Managing Director (Geschäftsführer)

Signature:

A handwritten signature in blue ink, appearing to read 'Filzmaier Josef'. The signature is written in a cursive, flowing style.

MS Electronics GmbH | Kampstraße 1, A-1200 Wien, Austria | VAT ATU 69216779 | FN 426644v, Handelsgericht Wien