



EU-Declaration of Conformity



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| Manufacturer or representative: | HEP GmbH | Document number: | DoC_SLV_ESBxxx_2016_02 |
| | Ramsloh 10 58579 Schalksmuehle GERMANY | Issue date: | 2016-10-12 |
| Distributor: | SLV GmbH | CE marking was affixed (Year): | 2016 |
| | Daimlerstr. 21-23 52531 Uebach-Palenberg GERMANY | Trade mark: | SLV (Made by HEP GROUP®) |

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| Product description: | Electronic control gear for fluorescent lamps |
| Type reference: | 977529 977530 (ESB114-35), 977531 (ESB118-40), 977532 977533 (ESB154-58) 977540 (ESB214-35), 977541 977543 (ESB218-40), 977542 (ESB254-58) |


This designated product(s) is (are) in conformity with the provisions of the following European Directive and tested with the harmonised standards.

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| Safety | 2014/35/EU and amendments | Directive 2014/35/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limit. |
| | EN 61347-1:2008 + A1:2011 + A2:2013 | Lamp controlgear – Part1: General and safety requirements |
| | EN 61347-2-3:2011 | Lamp control gear - Part 2-3: Particular requirements for a.c. and/or d.c. supplied electronic control gear for fluorescent lamps |

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| Electromagnetic compatibility | 2014/30/EU and amendments | Directive 2014/30/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to electromagnetic compatibility. |
| | EN 55015:2013 | Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment |
| | EN 61000-3-2:2014 | Electromagnetic compatibility (EMC) Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase) |
| | EN 61000-3-3:2013 | Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16A per phase and not subject to conditional connection |
| | EN 61547:2009 | Equipment for general lighting purposes - EMC immunity requirements |

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| Eco-Design | 2009/125/EC and amendments - CR (EC) No 245/2009 amended by - CR (EU) No 347/2010 | Directive 2009/125/EC of the European Parliament and of the Council of 21 October 2009 establishing a framework for the setting of ecodesign requirements for energy-related products. |
| | EN 62442-1:2011 | Energy performance of lamp controlgear - Part 1: Controlgear for fluorescent lamps - Method of measurement to determine the total input power of controlgear circuits and the efficiency of the controlgear |

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| RoHS | 2011/65/EU and amendments | Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment. |
| | EN 50581:2012 | Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances |

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| Signature: |  |
| Name: | Michael Winkel |
| Function: | CTO of HEP GmbH |