

Intertek

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Intertek S Mark Certificate with No. 1404233

We are pleased to enclose the Intertek S Mark Certificate you have applied for.

Thank You for S Marking your Products!

You have taken the first step to S Mark, but have you taken the next step by letting your customers know about your investment? When you use the S Mark in your marketing you are making clear that your company is truly committed to quality and safety. Positioning and differentiate yourself as a company which is dedicated to safety enables you to increase your sales – because in Europe safety sells.

The S Mark is highly recognized among retailers and authorities since 1926.

The S Mark also strengthens your brand by signaling that safety is important to your company and that you care about the safety of your clients. Since we value you as a customer we want to make sure you are getting the best value out of the S Mark. Many of our customers are already using the S Mark in their marketing. Popular media to use the mark is in campaigns, on packaging and in product catalogues. To find out more and to download tools, please visit www.intertek.com/marks/s.



If you have any questions don't hesitate to contact us at info-sweden@intertek.com

Additional part of the certification

In addition to your product certification, we are conducting inspections at your manufacturing site/s. The inspections are carried out by our inspectors or subcontractors. For details of the technical requirements for these inspections, please contact inspection.etlsemko@intertek.com.

Your success is important to us!

Best Regards,


Klaus-Jürgen Herrmann
Local Certification Manager

Certificate



for European Product Safety

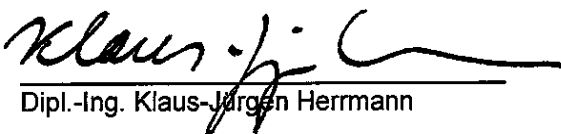
a.c. supplied electronic controlgear for
LED modules (Independent
LED Driver with terminal blocks)

Reference No.1404233

Type designation	HE2050-A; HE4030-A; HE5030-A; HE6030-A
Certificate holder	Hytronik Electronics Co., Ltd. Block A6, Hao'si Lin'po Keng Ind. Park, Shajing Town, Bao'an District, Shenzhen, P. R. C.
The product complies with the standard(s)	EN 61347-2-13:2006 EN 61347-1:2008 + A1:2011 + A2:2013 EN 60598-2-6:1994+A1:1997 EN 60598-1:2008 +A11:2009
Date of expiry	01 April 2019
EU Directive information	The product satisfies the provisions for CE marking according to the Low Voltage Directive 2006/95/EC.

Additional information in Appendix.

Certification Body Intertek Semko AB, Product Certification Place Guangzhou - China

Signed  Date 02 April 2014
Dipl.-Ing. Klaus-Jürgen Herrmann Page 1 of 2

This certificate is issued in accordance with the terms and conditions set out in the Appendix.



**Intertek
Appendix**

Reference No. 1404233

Technical data

<i>Type designation</i>	HE2050-A; HE4030-A; HE5030-A; HE6030-A
<i>Input</i>	220 – 240 V~; 50/60 Hz;
<i>Class</i>	II
<i>IP</i>	20
<i>Brand name:</i>	HYTRONIK
<i>Product Information:</i>	SELV; Independent; 110 °C thermal protection; Suitable for direct mounting on normally flammable surface; HE2050-A: ta: -20 – 45 °C; tc: 75°C; Inherently short-circuit proof; Input current: 270-242 mA; Output: Constant current type: 350-900mA; 72-56 VDC; Max. 110 VDC; 25-50 W; HE4030-A: ta: -20 – 45 °C; tc: 80°C; Fail-safe proof; Input current: 175-160 mA; Output: Constant voltage type: 12 VDC; Max. 2,5 A; 30 W; HE5030-A: ta: -20 – 50 °C; tc: 75°C; Inherently short-circuit proof; Input current: 164-150 mA; Output: Constant current type: 250-700mA; 60-43 VDC; Max. 70 VDC; 15-30 W; HE6030-A: ta: -20 – 45 °C; tc: 75°C; Fail-safe proof; Input current: 165-150 mA; Output: Constant voltage type: 24 VDC; Max. 1,25 A; 30 W

<i>Manufacturing site(s)</i>	Hytronik Electronics Co., Ltd. Block A6, Hao'si Lin'po Keng Ind. Park, Shajing Town, Bao'an District, Shenzhen, P. R. C..
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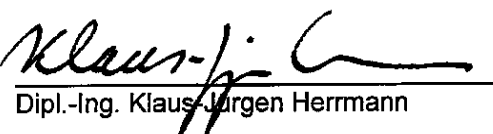
This certificate, which includes production control, constitutes sufficient support for an EC Declaration of Conformity and CE marking, according to the principle of presumption of conformity, of the product according to the Low Voltage Directive 2006/95/EC.

This presumption can expire before end of validity of this certificate due to new issued Standard or Amendment and changes within the EU legislation.

If the product is to be marketed in different European countries, it must be provided with a certified plug appropriate for each country.

Safety related parts of the user instructions shall be written in a language acceptable to the country where the product is to be used.

<i>Certification Body</i>	Intertek Semko AB, Product Certification	<i>Place</i>	Guangzhou - China
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<i>Signed</i>		<i>Date</i>	02 April 2014
	Dipl.-Ing. Klaus-Jürgen Herrmann		

This Certificate is for the exclusive use of Intertek's Client and is provided pursuant to the Certification agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this certificate. Only the Client is authorized to permit copying or distribution of this certificate and then only in its entirety. Use of Intertek's Certification mark is restricted to the conditions laid out in the agreement. Any further use of the Intertek name for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. Initial Factory Assessments and Follow up Services are for the purpose of assuring appropriate usage of the Certification mark in accordance with the agreement, they are not for the purposes of production quality control and do not relieve the Client of their obligations in this respect.