

CERTIFICATE

Issued to:
Applicant:
Mean Well Enterprises Co., Ltd.
No.28, Wuquan 3rd Road, Wugu Dist,
New Taipei City 248,
Taiwan

Manufacturer/Licensee:
Mean Well Enterprises Co., Ltd.
No.28, Wuquan 3rd Road, Wugu Dist,
New Taipei City 248,
Taiwan

Product : Independent control-gear for LED light source
Trade name : MEAN WELL
Types : GSC18B-350, GSC18B-500, GSC18B-700, GSC18B-1050, GSC18B-1400
GSC25B-350, GSC25B-500, GSC25B-700, GSC25B-1050, GSC25B-1400
GSC40B-350, GSC40B-500, GSC40B-700, GSC40B-1050, GSC40B-1400

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard EN 61347-1:2008; EN 61347-2-13:2006; EN 62384:2006;
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2175773

DEKRA hereby grants the right to use the ENEC KEMA-KEUR certification mark.

The ENEC KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the ENEC KEMA-KEUR certification agreement and under the conditions of the ENEC KEMA-KEUR certification agreement.

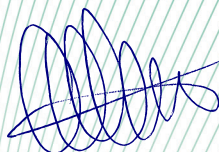
This certificate is issued on: 19 May 2015 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2182618.01

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



A.P. van der Veen
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

product	:	Independent control-gear for LED light source
trade name	:	MEAN WELL
types	:	GSC18B-350, GSC18B-500, GSC18B-700, GSC18B-1050 GSC18B-1400, GSC25B-350, GSC25B-500, GSC25B-700 GSC25B-1050, GSC25B-1400, GSC40B-350, GSC40B-500, GSC40B-700, GSC40B-1050, GSC40B-1400
rated input voltage	:	100-240 V~
rated input current	:	see product date per type
nature of supply	:	ac
rated frequency	:	50/60 Hz
output current	:	see product date per type
output voltage range	:	see product date per type
max. open load voltage	:	see product date per type
power factor	:	0,95
max. case temperature (tc)	:	see product date per type
ambient temperature (ta)	:	see product date per type
class of insulation	:	Class II
degree of protection	:	IP30
description	:	independent control-gear with SELV output circuit

Additional information

- Constant current type
- Thermal, short-circuit and overload protection
- Inherently short circuit proof
- With M M signs (suitable to built-in furniture) according to DIN57710 part 14 (VDE 0710)

Product data - type GSC18B-350

rated input current	:	0,6 A
output current	:	350 mA
output voltage range	:	26-52 Vdc
max. open load voltage	:	70 Vdc
max. case temperature (tc)	:	70 °C
ambient temperature (ta)	:	50 °C

Product data - type GSC18B-500

rated input current	:	0,6 A
output current	:	500 mA
output voltage range	:	18-36 Vdc
max. open load voltage	:	50 Vdc
max. case temperature (tc)	:	70 °C
ambient temperature (ta)	:	50 °C

Product data - type GSC18B-700

rated input current	: 0,6 A
output current	: 700 mA
output voltage range	: 13-26 Vdc
max. open load voltage	: 35 Vdc
max. case temperature (tc)	: 70 °C
ambient temperature (ta)	: 50 °C

Product data - type GSC18B-1050

rated input current	: 0,6 A
output current	: 1050 mA
output voltage range	: 8-17 Vdc
max. open load voltage	: 25 Vdc
max. case temperature (tc)	: 70 °C
ambient temperature (ta)	: 50 °C

Product data - type GSC18B-1400

rated input current	: 0,6 A
output current	: 1400 mA
output voltage range	: 6-13 Vdc
max. open load voltage	: 18 Vdc
max. case temperature (tc)	: 70 °C
ambient temperature (ta)	: 50 °C

Product data - type GSC25B-350

rated input current	: 0,6 A
output current	: 350 mA
output voltage range	: 36-72 Vdc
max. open load voltage	: 90 Vdc
max. case temperature (tc)	: 70 °C
ambient temperature (ta)	: 50 °C

Product data - type GSC25B-500

rated input current	: 0,6 A
output current	: 500 mA
output voltage range	: 26-52 Vdc
max. open load voltage	: 63 Vdc
max. case temperature (tc)	: 70 °C
ambient temperature (ta)	: 50 °C

Product data - type GSC25B-700

rated input current	: 0,6 A
output current	: 700 mA
output voltage range	: 18-36 Vdc
max. open load voltage	: 50 Vdc
max. case temperature (tc)	: 70 °C
ambient temperature (ta)	: 50 °C

Product data - type GSC25B-1050

rated input current	: 0,6 A
output current	: 1050 mA
output voltage range	: 12-24 Vdc
max. open load voltage	: 35 Vdc
max. case temperature (tc)	: 70 °C
ambient temperature (ta)	: 50 °C

Product data - type GSC25B-1400

rated input current	: 0,6 A
output current	: 1400 mA
output voltage range	: 9-18 Vdc
max. open load voltage	: 25 Vdc
max. case temperature (tc)	: 70 °C
ambient temperature (ta)	: 50 °C

Product data - type GSC40B-350

rated input current	: 0,7 A
output current	: 350 mA
output voltage range	: 50-100 Vdc
max. open load voltage	: 120 Vdc
max. case temperature (tc)	: 80 °C
ambient temperature (ta)	: 40 °C

Product data - type GSC40B-500

rated input current	: 0,7 A
output current	: 500 mA
output voltage range	: 40-80 Vdc
max. open load voltage	: 100 Vdc
max. case temperature (tc)	: 80 °C
ambient temperature (ta)	: 40 °C

Product data - type GSC40B-700

rated input current	: 0,7 A
output current	: 700 mA
output voltage range	: 29-58 Vdc
max. open load voltage	: 80 Vdc
max. case temperature (tc)	: 80 °C
ambient temperature (ta)	: 40 °C

Product data - type GSC40B-1050

rated input current	: 0,7 A
output current	: 1050 mA
output voltage range	: 19-38 Vdc
max. open load voltage	: 55 Vdc
max. case temperature (tc)	: 80 °C
ambient temperature (ta)	: 40 °C

Product data - type GSC40B-1400

rated input current	: 0,7 A
output current	: 1400 mA
output voltage range	: 14-28 Vdc
max. open load voltage	: 40 Vdc
max. case temperature (tc)	: 80 °C
ambient temperature (ta)	: 40 °C

TESTS**Test requirements**

EN 61347-1:2008 + A1:2011 + A2:2013
EN 61347-2-13:2006
EN 62384:2006 + A1:2009

Test results

The test results are laid down in DEKRA test file 2182618.00.

Remark

The components used in the appliance are laid down in the test report no. 2182618.50.

Conclusion

The examination proved that all test requirements were met.

Tested by : L.N.H. Huynh

A blue ink signature of L.N.H. Huynh, consisting of a stylized, cursive script.

Checked by : T.H.J.M. Michels

A blue ink signature of T.H.J.M. Michels, written in a cursive script.

Factory location

Youngyear Electronics Co., Ltd.

Jin Zhu Industries Area Qing Xi Town

Dongguan City, Guangdong

China