

CERTIFICATE

Issued to:
Applicant:
MEAN WELL Enterprises Co., Ltd.
No.28, Wuquan 3rd Road, Wugu District
248 New Taipei City, Taiwan

Licensee:
MEAN WELL Enterprises Co., Ltd.
No.28, Wuquan 3rd Road, Wugu District
248 New Taipei City, Taiwan

Product : Independent LED controlgears
Trade name(s) : MEAN WELL
Type(s)/model(s) : IDLC-45 series, IDLC-65 series, ODLC-45 series, ODLC-65 series

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 61347-2-13:2014, EN 61347-2-13:2014/A1:2017, EN 61347-1:2015, EN 62384:2006 and EN 62384:2006/A1:2009
- 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 certification mark.

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

This certificate is issued on 26 April 2018 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-103782

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



Kreny Lin
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Independent LED controlgears
Trade name(s)	: MEAN WELL
Type(s)/model(s)	: IDLC-45-1050, ODLC-45-1050, IDLC-45-1050DA, ODLC-45-1050DA, IDLC-45-1400, ODLC-45-1400, IDLC-45-1400DA, ODLC-45-1400DA, IDLC-45-350, ODLC-45-350, IDLC-45-350DA, ODLC-45-350DA, IDLC-45-500, ODLC-45-500, IDLC-45-500DA, ODLC-45-500DA, IDLC-45-700, ODLC-45-700, IDLC-45-700DA, ODLC-45-700DA, IDLC-45A-1050, ODLC-45A-1050, IDLC-45A-1400, ODLC-45A-1400, IDLC-45A-350, ODLC-45A-350, IDLC-45A-500, ODLC-45A-500, IDLC-45A-700, ODLC-45A-700, IDLC-65-1050, ODLC-65-1050, IDLC-65-1050DA, ODLC-65-1050DA, IDLC-65-1400, ODLC-65-1400, IDLC-65-1400DA, ODLC-65-1400DA, IDLC-65-1750, ODLC-65-1750, IDLC-65-1750DA, ODLC-65-1750DA, IDLC-65-700, ODLC-65-700, IDLC-65-700DA, ODLC-65-700DA, IDLC-65A-1050, ODLC-65A-1050, IDLC-65A-1400, ODLC-65A-1400, IDLC-65A-1750, ODLC-65A-1750 and IDLC-65A-700, ODLC-65A-700
Rated frequency	: 50/60 Hz
Power factor	: 0,95
Ambient temperature (ta)	: 40 °C for IDLC series 50 °C for ODLC-45 series 45 °C for ODLC-65 series
Class of insulation	: Class II
Description	: Thermal, short-circuit and overload protection with MM signs

Product data – type IDLC-45-1050, ODLC-45-1050, IDLC-45-1050DA, ODLC-45-1050DA

Input voltage (Vac)	: 100-200, 200-240
Input current (A)	: 0,6
Output voltage (V dc)	: 26-34, max. 63 when input voltage 100-200 V 26-43, max. 63 when input voltage 200-240 V
Output current (mA)	: 1050
Output power (W)	: 35,7 when input voltage 100-200 V 45,15 when input voltage 200-240 V

Product data – type IDLC-45-1400, ODLC-45-1400, IDLC-45-1400DA, ODLC-45-1400DA

Input voltage (Vac)	: 100-200, 200-240
Input current (A)	: 0,6
Output voltage (V dc)	: 19-26, max. 50 when input voltage 100-200 V 19-32, max. 50 when input voltage 200-240 V
Output current (mA)	: 1400
Output power (W)	: 36,4 when input voltage 100-200 V 44,8 when input voltage 200-240 V

Product data – type IDLC-45-350, ODLC-45-350, IDLC-45-350DA, ODLC-45-350DA

Input voltage (Vac)	: 100-240
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Input current (A) : 0,6
Output voltage (V dc) : 57-95, max. 118
Output current (mA) : 350
Output power (W) : 33,25

Product data – type IDLC-45-500, ODLC-45-500, IDLC-45-500DA, ODLC-45-500DA

Input voltage (Vac) : 100-200, 200-240
Input current (A) : 0,6
Output voltage (V dc) : 54-72, max. 115 when input voltage 100-200V
54-90, max. 115 when input voltage 200-240V
Output current (mA) : 500
Output power (W) : 36 when input voltage 100-200 V
45 when input voltage 200-240 V

Product data – type IDLC-45-700, ODLC-45-700, IDLC-45-700DA, ODLC-45-700DA

Input voltage (Vac) : 100-200, 200-240
Input current (A) : 0,6
Output voltage (V dc) : 38-51, max. 84 when input voltage 100-200 V
38-64, max. 84 when input voltage 200-240 V
Output current (mA) : 700
Output power (W) : 35,7 when input voltage 100-200 V
44,8 when input voltage 200-240 V

Product data – type IDLC-45A-1050, ODLC-45A-1050

Input voltage (Vac) : 100-200, 200-240
Input current (A) : 0,6
Output voltage (V dc) : Vo:26-34, max. 63, AUX:12 when input voltage 100-200 V
Vo:26-43, max. 63, AUX:12 when input voltage 200-240 V
Output current (mA) : Io:1050, AUX:50
Output power (W) : 35,7 when input voltage 100-200 V
45,15 when input voltage 200-240 V

Product data – type IDLC-45A-1400, ODLC-45A-1400

Input voltage (Vac) : 100-200, 200-240
Input current (A) : 0,6
Output voltage (V dc) : Vo:19-26, max. 50, AUX:12 when input voltage 100-200 V
Vo:19-32, max. 50, AUX:12 when input voltage 200-240 V
Output current (mA) : Io:1400, AUX:50
Output power (W) : 36,4 when input voltage 100-200 V
44,8 when input voltage 200-240 V

Product data – type IDLC-45A-350, ODLC-45A-350

Input voltage (Vac) : 100-240
Input current (A) : 0,6
Output voltage (V dc) : Vo:57-95, max. 118, AUX:12
Output current (mA) : Io: 350, AUX: 50
Output power (W) : 33,25

Product data – type IDLC-45A-500, ODLC-45A-500

Input voltage (Vac) : 100-200, 200-240
Input current (A) : 0,6
Output voltage (V dc) : Vo:54-72, max. 115, AUX:12 when input voltage 100-200 V
Vo: 54-90, max. 115, AUX:12 when input voltage 200-240 V

Output current (mA) : Io:500, AUX:50
Output power (W) : 36 when input voltage 100-200 V
45 when input voltage 200-240 V

Product data – type IDLC-45A-700, ODLC-45A-700

Input voltage (Vac) : 100-200, 200-240
Input current (A) : 0,6
Output voltage (V dc) : Vo:38-51, max. 84, AUX:12 when input voltage 100-200 V
Vo:38-64, max. 84, AUX:12 when input voltage 200-240 V
Output current (mA) : Io:700, AUX:50
Output power (W) : 35,7 when input voltage 100-200 V
44,8 when input voltage 200-240 V

Product data – type IDLC-65-1050, ODLC-65-1050, IDLC-65-1050DA, ODLC-65-1050DA

Input voltage (Vac) : 200-240
Input current (A) : 0,4
Output voltage (V dc) : 46-62, max. 82
Output current (mA) : 1050
Output power (W) : 65,1

Product data – type IDLC-65-1400, ODLC-65-1400, IDLC-65-1400DA, ODLC-65-1400DA

Input voltage (Vac) : 200-240
Input current (A) : 0,4
Output voltage (V dc) : 34-46, max. 60
Output current (mA) : 1400
Output power (W) : 64,4

Product data – type IDLC-65-1750, ODLC-65-1750, IDLC-65-1750DA, ODLC-65-1750DA

Input voltage (Vac) : 200-240
Input current (A) : 0,4
Output voltage (V dc) : 27-36, max. 53
Output current (mA) : 1750
Output power (W) : 63

Product data – type IDLC-65-700, ODLC-65-700, IDLC-65-700DA, ODLC-65-700DA

Input voltage (Vac) : 200-240
Input current (A) : 0,4
Output voltage (V dc) : 69-93, max. 118
Output current (mA) : 700
Output power (W) : 65,1

Product data – type IDLC-65A-1050, ODLC-65A-1050

Input voltage (Vac) : 200-240
Input current (A) : 0,4
Output voltage (V dc) : Vo:46-62, max. 82, AUX:12
Output current (mA) : Io:1050, AUX:50
Output power (W) : 65,1

Product data – type IDLC-65A-1400, ODLC-65A-1400

Input voltage (Vac) : 200-240
Input current (A) : 0,4
Output voltage range (V dc) : Vo:34-46, max. 60, AUX:12

Output current (mA) : Io:1400, AUX:50
Output power (W) : 64,4

Product data – type IDLC-65A-1750, ODLC-65A-1750

Input voltage (Vac) : 200-240
Input current (A) : 0,4
Output voltage (V dc) : Vo:27-36, max. 53, AUX:12
Output current (mA) : Io:1750, AUX:50
Output power (W) : 63

Product data – type IDLC-65A-700, ODLC-65A-700

Input voltage (Vac) : 200-240
Input current (A) : 0,4
Output voltage (V dc) : Vo:69-93, max. 118, AUX:12
Output current (mA) : Io:700, AUX:50
Output power (W) : 65,1

TESTS**Test requirements**

EN 61347-2-13:2014
EN 61347-2-13:2014/A1:2017
EN 61347-1:2015
EN 62384:2006
EN 62384:2006/A1:2009

Test result

The test results are laid down in DEKRA test file 434353000.

Additional information

This certificate replaces certificate No. 35-100301 which we herewith declare invalid.

The list of components is laid down at test report 4343530.50.

Conclusion

The examination proved that all requirements were met.

Factory location

MEAN WELL (Guangzhou) Electronics Co.,Ltd. Huadu Branch
No.11 Jingu South Road, Huadong Town, Huadu District,
Guangzhou City, Guangdong Province, China

Trade name : MEAN WELL stands for

