

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 LED drivers
Trade name : MEAN WELL
Types : IDLC-45-1050, ODLC-45-1050, IDLC-45-1400, ODLC-45-1400, IDLC-45-350, ODLC-45-350, IDLC-45-500, ODLC-45-500, IDLC-45-700, ODLC-45-700, 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-65-1400, ODLC-65-1400, IDLC-65-1750, ODLC-65-1750, IDLC-65-700, ODLC-65-700, IDLC-65A-1050, ODLC-65A-1050, IDLC-65A-1400, ODLC-65A-1400, IDLC-65A-1750, ODLC-65A-1750, IDLC-65A-700, ODLC-65A-700

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 61347-2-13:2014; 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: 24 November 2016 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2197030.01

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



W. Singewald
Certification Manager

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ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

product	:	Independent LED drivers
trade name	:	MEAN WELL
types	:	IDLC-45-1050, ODLC-45-1050, IDLC-45-1400, ODLC-45-1400, IDLC-45-350, ODLC-45-350, IDLC-45-500, ODLC-45-500, IDLC-45-700, ODLC-45-700, 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-65-1400, ODLC-65-1400, IDLC-65-1750, ODLC-65-1750, IDLC-65-700, ODLC-65-700, IDLC-65A-1050, ODLC-65A-1050, IDLC-65A-1400, ODLC-65A-1400, IDLC-65A-1750, ODLC-65A-1750, IDLC-65A-700, ODLC-65A-700
rated input voltage	:	100-240 V~ for IDLC-45 series, ODLC-45 series 200-240 V~ for IDLC-65 series, ODLC-65 series
rated input current	:	see product data per type
nature of supply	:	a.c.
rated frequency	:	50/60 Hz
output current	:	see product data per type
output voltage range	:	see product data per type
max. open load voltage	:	see product data per type
max. output power	:	see product data per type
power factor	:	0,95
class of insulation	:	Class II
ambient temperature (ta)	:	40 °C for IDLC series 50 °C for ODLC-45 series 45 °C for ODLC-65 series
max. case temperature (tc)	:	85 °C

Additional information

- Constant current mode
- with MM signs

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

input current	:	0,6 A
output current	:	1050 mA
output voltage range	:	26-34 Vdc @ input voltage 100-200 Vac 26-43 Vdc @ input voltage 200-240 Vac
max. open load voltage	:	63 Vdc
max. output power	:	35,7 W @ input voltage 100-200 Vac 45,15 W @ input voltage 200-240 Vac

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

input current	: 0,6 A
output current	: 1400 mA
output voltage range	: 19-26 Vdc @ input voltage 100-200 Vac 19-32 Vdc @ input voltage 200-240 Vac
max. open load voltage	: 50 Vdc
max. output power	: 36,4 W @ input voltage 100-200 Vac 44,8 W @ input voltage 200-240 Vac

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

input current	: 0,6 A
output current	: 350 mA
output voltage range	: 57-95 Vdc
max. open load voltage	: 118 Vdc
max. output power	: 33,25 W

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

input current	: 0,6 A
output current	: 500 mA
output voltage range	: 54-72 Vdc @ input voltage 100-200 Vac 54-90 Vdc @ input voltage 200-240 Vac
max. open load voltage	: 115 Vdc
max. output power	: 36 W @ input voltage 100-200 Vac 45 W @ input voltage 200-240 Vac

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

input current	: 0,6 A
output current	: 700 mA
output voltage range	: 38-51 Vdc @input voltage 100-200 Vac 38-64 Vdc @ input voltage 200-240 Vac
max. open load voltage	: 84 Vdc
max. output power	: 35,7 W @input voltage 100-200 Vac 44,8 @ input voltage 200-240 Vac

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

input current	: 0,6 A
output current (Io)	: 1050 mA
output current (IAUX)	: 50 mA
output voltage range (Vo)	: 26-34 Vdc @ input voltage 100-200 Vac 26-43 @ input voltage 200-240 Vac
output voltage range (VAUX)	: 12 Vdc
max. open load voltage	: 63 Vdc
max. output power	: 35,7 W @ input voltage 100-200 Vac 45,15 W @ input voltage 200-240 Vac

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

input current	: 0,6 A
output current (Io)	: 1400 mA
output current (IAUX)	: 50 mA
output voltage range (Vo)	: 19-26 Vdc @ input voltage 100-200 Vac 19-32 Vdc @ input voltage 200-240 Vac
output voltage range (VAUX)	: 12 Vdc
max. open load voltage	: 50 Vdc
max. output power	: 36,4 W @ input voltage 100-200 Vac 44,8 W @ input voltage 200-240 Vac

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

input current	: 0,6 A
output current (Io)	: 350 mA
output current (IAUX)	: 50 mA
output voltage range (Vo)	: 57-95 Vdc
output voltage range (VAUX)	: 12 Vdc
max. open load voltage	: 118 Vdc
max. output power	: 33,25 W

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

input current	: 0,6 A
output current (Io)	: 500 mA
output current (IAUX)	: 50 mA
output voltage range (Vo)	: 54-72 Vdc @ input voltage 100-200 Vac 54-90 Vdc @ input voltage 200-240 Vac
output voltage range (VAUX)	: 12 Vdc
max. open load voltage	: 115 Vdc
max. output power	: 36 W @ input voltage 100-200 Vac 45 W @ input voltage 200-240 Vac

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

input current	: 0,6 A
output current (Io)	: 700 mA
output current (IAUX)	: 50 mA
output voltage range (Vo)	: 38-51 @ input voltage 100-200 Vac 38-64 Vdc @ input voltage 200-240 Vac
output voltage range (VAUX)	: 12 Vdc
max. open load voltage	: 84 Vdc
max. output power	: 35,7 W @ input voltage 100-200 Vac 44,8 W @ input voltage 200-240 Vac

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

input current : 0,4 A
output current : 1050 mA
output voltage range : 46-62 Vdc
max. open load voltage : 82 Vdc
max. output power : 65,1 W

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

input current : 0,4 A
output current : 1400 mA
output voltage range : 34-46 Vdc
max. open load voltage : 60 Vdc
max. output power : 64,4 W

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

input current : 0,4 A
output current : 1750 mA
output voltage range : 27-36 Vdc
max. open load voltage : 53 Vdc
max. output power : 63 W

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

input current : 0,4 A
output current : 700 mA
output voltage range : 69-93 Vdc
max. open load voltage : 118 Vdc
max. output power : 65,1 W

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

input current : 0,4 A
output current (Io) : 1050 mA
output current (IAUX) : 50 mA
output voltage range (Vo) : 46-62 Vdc
output voltage range (VAUX) : 12 Vdc
max. open load voltage : 82 Vdc
max. output power : 65,1 W

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

input current : 0,4 A
output current (Io) : 1400 mA
output current (IAUX) : 50 mA
output voltage range (Vo) : 34-46 Vdc
output voltage range (VAUX) : 12 Vdc
max. open load voltage : 60 Vdc
max. output power : 64,4 W

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

input current : 0,4 A
output current (Io) : 1750 mA
output current (IAUX) : 50 mA
output voltage range (Vo) : 27-36 Vdc
output voltage range (VAUX) : 12 Vdc
max. open load voltage : 53 Vdc
max. output power : 63 W

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

input current : 0,4 A
output current (Io) : 700 mA
output current (IAUX) : 50 mA
output voltage range (Vo) : 69-93 Vdc
output voltage range (VAUX) : 12 Vdc
max. open load voltage : 118 Vdc
max. output power : 65,1 W

TESTS**Test requirements**

EN 61347-1:2008 + A1:2011 + A2:2013

EN 61347-2-13:2014

EN 62384:2006 + A1:2009

Test result

The test results are laid down in DEKRA test file 2197030.00.

Remarks

The components used in the appliance are laid down in the test report no. 2197030.50

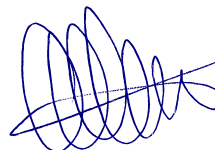
Conclusion

The examination proved that all test requirements were met.

Tested by : L.N.H. Huynh



Checked by : A.P. van der Veen



Factory location

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