

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 controlgears
Trade name : MEAN WELL
Models/Types : ELG-150-C XY (see type reference key for more details)

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: 19 August 2015 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2184909.01

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



T.M.H. van Huet
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

product	: Independent control-gears
trade name	: MEAN WELL
models/types	: ELG-150-C YZ (see type reference key for more details)
rated input voltage	: 200-240 V~
rated input current	: 0,9 A
nature of supply	: ac
rated frequency	: 50/60 Hz
output current	: see product data per type (for constant voltage type only)
output voltage range	: see product data per type (for constant current type only)
max. open load voltage	: see product data per type (for constant current type only)
power factor	: 0,95
class	: I
max. case temperature(tc)	: 90 °C
ambient temperature (ta)	: 55 °C
degree of protection against ingress of dust and moisture	: IP65 for models with Y (dimming mode) = A, AB, ADA, AD2 IP67 for models with Y (dimming mode) = blank, B, D, D2, DA
description	: see product data per type

Additional information

- Control gears are divided into products based on Constant Current and products based on Constant Voltage
- Thermal, short-circuited and overload protection
- Inherently short circuit proof
- with MM signs
- When the driver is equipped with UL approved PVC external cable, it shall be used indoor or used in water-proof luminaires.

Type reference key

ELG-150-C XY

ELC-150	: product name
C	: "C" is constant current type "Blank" is constant voltage type
X	: - output current (1400, 1750, 2100 mA) - constant voltage (12, 24, 36, 42, 48, 54 V)
Y	: dimming function mode (A, B, AB, D, D2, DA, ADA, AD2) "blank" = no dimming mode A = adjusted through internal potentiometer B = adjustable through output cable with 0-10 Vdc or 10 V PWM signal or resistance AB = adjusted through internal potentiometer or output cable with 0-10 Vdc or 10 V PWM signal or resistance D = smart timer dimming D2 = smart timer dimming can be programmed by output cable DA = DALI dimming ADA = DALI function and adjusted through internal potentiometer AD2 = smart timer dimming can be programmed by output cable and adjusted through internal potentiometer

Product data - type ELG-150-C1400Y

output voltage range : 54-107 V
max. open load voltage : 115 V
description : based on constant current

Product data - type ELG-150-C1750Y

output voltage range : 43-86 V
max. open load voltage : 94 V
description : based on constant current

Product data - type ELG-150-C2100Y

output voltage range : 36-72 V
max. open load voltage : 80 V
description : based on constant current

Product data - type ELG-150-12Y

output current : 10 A max.
description : based on constant voltage

Product data - type ELG-150-24Y

output current : 6,25 A max.
description : based on constant voltage

Product data - type ELG-150-36Y

output current : 4,17 A max.
description : based on constant voltage

Product data - type ELG-150-42Y

output current : 3,57 A max.
description : based on constant voltage

Product data - type ELG-150-48Y

output current : 3,13 A max.
description : based on constant voltage

Product data - type ELG-150-54Y

output current : 2,8 A max.
description : based on constant voltage

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 2184909.00.

Remark

The components used in the appliance are laid down in the test report no. 2184909.50.

Conclusion

The examination proved that all test requirements were met.

Tested by : T. Drost

A blue ink signature of T. Drost, consisting of a stylized, cursive script.

Checked by : L.N.H. Huynh

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

Mean Well (Guangzhou) Electronics, Co., Ltd.

2F, A Building, Yuean Industrial Park, Huangcun, Dongpu Town,

Tianhe District, Guangzhou, Guangdong,

China