

CERTIFICATE

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

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

Product : Independent controlgear
Trade name : MEAN WELL
Type reference : ELG-150-CXY
key : ELG-150-XY
(see additional information 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: 31 Oktober 2016 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2195615.01

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



W.C. Singewald
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

product	:	Independent controlgear
trade name	:	MEAN WELL
Type reference key	:	ELG-150-CXY ELG-150-XY See "Additional information" for details.
rated input voltage	:	100-240 V~
rated input current	:	1,7 A
nature of supply	:	a.c.
rated frequency	:	50/60 Hz
output current	:	see product date per type(for constant voltage type only)
output voltage range	:	see product date per type(for constant current type only)
max. open load voltage	:	see product date per type(for constant current type only)
power factor	:	0,95
class of insulation	:	Class I
max. case temperature (tc)	:	90 °C
ambient temperature (ta)	:	55 °C
degree of protection provided by enclosures	:	IP65 for model with Y (dimming mode) = A,AB,ADA,AD2, IP67 for model with Y (dimming mode) = blank,B,D,D2,DA
temperature declared thermally protected	:	110 °C

Additional information

- The Control gear is divided into products based on Constant Current and products based on Constant Voltage.
- Thermal, short-circuit and overload protection.
- Inherently short circuit proof.
- With MM sign.
- 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-CXY : Product name

C : Constant current version
X : Output current in mA (1400, 1750 or 2100)

ELG-150-XY : Product name

X : Output voltage in Vdc. (X=12, 24, 36, 42, 48 or 54)
Y : Dimming function mode. (blank, A, B, AB, D, D2, DA, ADA or AD2)
Blank: Cable for I/O connection
A = Constant current level can be adjusted through internal potentiometer
B = Constant current level adjustable through output cable with 0-10 Vdc or 10 V PWM signal or resistance.

Type reference key (cont'd)

- Y : AB = Constant current level can be 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 function
ADA= DALI function and Constant current level can be adjusted through internal potentiometer.
AD2= Smart timer dimming can be programmed by output cable and Constant current level can be adjusted through internal potentiometer.

Product data - type ELG-150-12Y

- output voltage : 12 Vdc
max. output power : 84 W when input voltage 100-200 V
120 W when input voltage 200-240V

Product data - type ELG-150-24Y

- output voltage : 24 Vdc
max. output power : 105 W when input voltage 100-200 V
150 W when input voltage 200-240 V

Product data - type ELG-150-36Y

- output voltage : 36 Vdc
max. output power : 105 W when input voltage 100-200 V
150,1 W when input voltage 200-240 V

Product data - type ELG-150-42Y

- output voltage : 42 Vdc
max. output power : 105 W when input voltage 100-200 V
150 W when input voltage 200-240 V

Product data - type ELG-150-48Y

- output voltage : 48 Vdc
max. output power : 105 W when input voltage 100-200 V
150,2 W when input voltage 200-240 V

Product data - type ELG-150-54Y

- output voltage : 54 Vdc
max. output power : 105 W when input voltage 100-200 V
151.2 W when input voltage 200-240 V

Product data - type ELG-150-C1400Y

- output current : 1,4 A
output voltage range : 54-75 Vdc when input voltage 100-200 V
54-107 Vdc when input voltage 200-240 V
max. open load voltage : 115 Vdc
max. output power : 105 W when input voltage 100-200 V
149,8 W when input voltage 200-240 V

Product data - type ELG-150-C1750Y

output current : 1,75 A
output voltage range : 43-60 Vdc when input voltage 100-200 V
43-86 Vdc when input voltage 200-240 V
max. open load voltage : 94 Vdc
max. output power : 105 W when input voltage 100-200 V
150,5 W when input voltage 200-240 V

Product data - type ELG-150-C2100Y

output current : 2,1 A
output voltage range : 36-50 Vdc when input voltage 100-200 V
36-72 Vdc when input voltage 200-240 V
max. open load voltage : 80 Vdc
max. output power : 105 W when input voltage 100-200 V
151,2 W when input voltage 200-240 V

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 2195615.00.

Remarks

The components used in the appliance are laid down in the test report no. 2195615.50

Conclusion

The examination proved that all test requirements were met.

Tested by : G.W.J. Zeegers

Checked by : A.P. van der Veen



Factory location

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