

CERTIFICATE

Issued to:
Applicant:
Inventronics GmbH
Parking 31-33
85748 Garching By Munich, Germany

Licensee:
Inventronics GmbH
Parking 31-33
85748 Garching By Munich, Germany

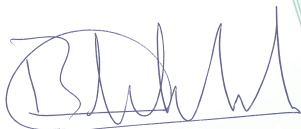
Product : Independent LED driver
Trade name(s) : INVENTRONICS or OSRAM
Type(s)/model(s) : OT100/UNV/1A0/2DIM/P7, OT100/UNV/1A0/P7, OT100/UNV/1A0 2DIM P7, OT100/UNV/1A0 P7, OT100/UNV/1A4/2DIM/P7, OT100/UNV/1A4/P7, OT100/UNV/1A4 2DIM P7, OT100/UNV/1A4 P7, OT100/UNV/2A5/2DIM/P7, OT100/UNV/2A5/P7, OT100/UNV/2A5 2DIM P7, OT100/UNV/3A5/2DIM/P7, OT100/UNV/3A5/P7, OT100/UNV/3A5 2DIM P7, OT100/UNV/3A5 P7, OT120/UNV/1A0/2DIM/P7, OT120/UNV/1A0/P7, OT120/UNV/1A0 2DIM P7, OT120/UNV/1A0 P7, OT120/UNV/1A4/2DIM/P7, OT120/UNV/1A4/P7, OT120/UNV/1A4 2DIM P7, OT120/UNV/1A4 P7, OT120/UNV/2A5/2DIM/P7, OT120/UNV/2A5/P7, OT120/UNV/2A5 2DIM P7, OT120/UNV/2A5 P7, OT120/UNV/3A5/2DIM/P7, OT120/UNV/3A5/P7, OT120/UNV/3A5 2DIM P7, OT120/UNV/3A5 P7, OT150/UNV/1A0/2DIM/P7, OT150/UNV/1A0/P7, OT150/UNV/1A0 2DIM P7, OT150/UNV/1A0 P7, OT150/UNV/1A5/2DIM/P7, OT150/UNV/1A5/P7, OT150/UNV/1A5 2DIM P7, OT150/UNV/1A5 P7, OT150/UNV/2A1/2DIM/P7, OT150/UNV/2A1/P7, OT150/UNV/2A1 2DIM P7, OT150/UNV/2A1 P7, OT150/UNV/3A6/2DIM/P7, OT150/UNV/3A6/P7, OT150/UNV/3A6 2DIM P7, OT150/UNV/3A6 P7, OT150/UNV/5A4/2DIM/P7, OT150/UNV/5A4/P7, OT150/UNV/5A4 2DIM P7, OT150/UNV/5A4 P7, OT200/UNV/1A0/2DIM/P7, OT200/UNV/1A0/P7, OT200/UNV/1A0 2DIM P7, OT200/UNV/1A0 P7, OT200/UNV/1A5/2DIM/P7, OT200/UNV/1A5/P7, OT200/UNV/1A5 2DIM P7, OT200/UNV/1A5 P7, OT200/UNV/2A1/2DIM/P7, OT200/UNV/2A1/P7, OT200/UNV/2A1 2DIM P7, OT200/UNV/2A1 P7, OT200/UNV/3A0/2DIM/P7, OT200/UNV/3A0/P7, OT200/UNV/3A0 2DIM P7, OT200/UNV/3A0 P7, OT200/UNV/5A0/2DIM/P7, OT200/UNV/5A0/P7, OT200/UNV/5A0 2DIM P7, OT200/UNV/5A0 P7, OT200/UNV/6A7/2DIM/P7, OT200/UNV/6A7/P7, OT200/UNV/6A7 2DIM P7 and OT200/UNV/6A7 P7

The product and any acceptable variation thereto as 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 EN 61347-1:2015, EN 61347-1:2015/A1:2021, EN 61347-2-13:2014, EN 61347-2-13:2014/A1:2017 and EN IEC 62384:2020

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



Miranda Zhou
Certification Manager

© Integral publication of this certificate is allowed

ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL



- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6064544

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 and under the conditions of the ENEC certification agreement.

This certificate is issued on 26 December 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-132051 REV.1

SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Independent LED driver
Trade name(s)	: INVENTRONICS or OSRAM
Type(s)/model(s)	: OT100/UNV/1A0/2DIM/P7, OT100/UNV/1A0/P7, OT100/UNV/1A0 2DIM P7, OT100/UNV/1A0 P7, OT100/UNV/1A4/2DIM/P7, OT100/UNV/1A4/P7, OT100/UNV/1A4 2DIM P7, OT100/UNV/1A4 P7, OT100/UNV/2A5/2DIM/P7, OT100/UNV/2A5/P7, OT100/UNV/2A5 2DIM P7, OT100/UNV/2A5 P7, OT100/UNV/3A5/2DIM/P7, OT100/UNV/3A5/P7, OT100/UNV/3A5 2DIM P7, OT100/UNV/3A5 P7, OT120/UNV/1A0/2DIM/P7, OT120/UNV/1A0/P7, OT120/UNV/1A0 2DIM P7, OT120/UNV/1A0 P7, OT120/UNV/1A4/2DIM/P7, OT120/UNV/1A4/P7, OT120/UNV/1A4 2DIM P7, OT120/UNV/1A4 P7, OT120/UNV/2A5/2DIM/P7, OT120/UNV/2A5/P7, OT120/UNV/2A5 2DIM P7, OT120/UNV/2A5 P7, OT120/UNV/3A5/2DIM/P7, OT120/UNV/3A5/P7, OT120/UNV/3A5 2DIM P7, OT120/UNV/3A5 P7, OT150/UNV/1A0/2DIM/P7, OT150/UNV/1A0/P7, OT150/UNV/1A0 2DIM P7, OT150/UNV/1A0 P7, OT150/UNV/1A5/2DIM/P7, OT150/UNV/1A5/P7, OT150/UNV/1A5 2DIM P7, OT150/UNV/1A5 P7, OT150/UNV/2A1/2DIM/P7, OT150/UNV/2A1/P7, OT150/UNV/2A1 2DIM P7, OT150/UNV/2A1 P7, OT150/UNV/3A6/2DIM/P7, OT150/UNV/3A6/P7, OT150/UNV/3A6 2DIM P7, OT150/UNV/3A6 P7, OT150/UNV/5A4/2DIM/P7, OT150/UNV/5A4/P7, OT150/UNV/5A4 2DIM P7, OT150/UNV/5A4 P7, OT200/UNV/1A0/2DIM/P7, OT200/UNV/1A0/P7, OT200/UNV/1A0 2DIM P7, OT200/UNV/1A0 P7, OT200/UNV/1A5/2DIM/P7, OT200/UNV/1A5/P7, OT200/UNV/1A5 2DIM P7, OT200/UNV/1A5 P7, OT200/UNV/2A1/2DIM/P7, OT200/UNV/2A1/P7, OT200/UNV/2A1 2DIM P7, OT200/UNV/2A1 P7, OT200/UNV/3A0/2DIM/P7, OT200/UNV/3A0/P7, OT200/UNV/3A0 2DIM P7, OT200/UNV/3A0 P7, OT200/UNV/5A0/2DIM/P7, OT200/UNV/5A0/P7, OT200/UNV/5A0 2DIM P7, OT200/UNV/5A0 P7, OT200/UNV/6A7/2DIM/P7, OT200/UNV/6A7/P7, OT200/UNV/6A7 2DIM P7 and OT200/UNV/6A7 P7
Rated voltage	: 100-277 V
Rated frequency	: 50/60 Hz
Ambient temperature	: 50 °C for 100-200 V; 60 °C for 200-277 V
Degree of protection	: IP67
Class of insulation	: class I
Max. case temperature	: 90 °C
Additional information	: constant current type, independent, non-inherently short-circuit proof, 110 °C thermal protection

Product data – type OT100/UNV/1A0 2DIM P7, OT100/UNV/1A0 P7, OT100/UNV/1A0/2DIM/P7, OT100/UNV/1A0/P7, OT100/UNV/1A4 2DIM P7, OT100/UNV/1A4 P7, OT100/UNV/1A4/2DIM/P7, OT100/UNV/1A4/P7, OT100/UNV/2A5 2DIM P7, OT100/UNV/2A5 P7, OT100/UNV/2A5/2DIM/P7, OT100/UNV/2A5/P7, OT100/UNV/3A5 2DIM P7, OT100/UNV/3A5 P7, OT100/UNV/3A5/2DIM/P7 and OT100/UNV/3A5/P7

Max.input current : 1,5 A
Max. input power : 115 W

Product data – type OT120/UNV/1A0 2DIM P7, OT120/UNV/1A0 P7, OT120/UNV/1A0/2DIM/P7, OT120/UNV/1A0/P7, OT120/UNV/1A4 2DIM P7, OT120/UNV/1A4 P7, OT120/UNV/1A4/2DIM/P7, OT120/UNV/1A4/P7, OT120/UNV/2A5 2DIM P7, OT120/UNV/2A5 P7, OT120/UNV/2A5/2DIM/P7, OT120/UNV/2A5/P7, OT120/UNV/3A5 2DIM P7, OT120/UNV/3A5 P7, OT120/UNV/3A5/2DIM/P7 and OT120/UNV/3A5/P7

Max.input current : 1,7 A
Max. input power : 130 W

Product data – type OT150/UNV/1A0 2DIM P7, OT150/UNV/1A0 P7, OT150/UNV/1A0/2DIM/P7, OT150/UNV/1A0/P7, OT150/UNV/1A5 2DIM P7, OT150/UNV/1A5 P7, OT150/UNV/1A5/2DIM/P7, OT150/UNV/1A5/P7, OT150/UNV/2A1 2DIM P7, OT150/UNV/2A1 P7, OT150/UNV/2A1/2DIM/P7, OT150/UNV/2A1/P7, OT150/UNV/3A6 2DIM P7, OT150/UNV/3A6 P7, OT150/UNV/3A6/2DIM/P7, OT150/UNV/3A6/P7, OT150/UNV/5A4 2DIM P7, OT150/UNV/5A4 P7, OT150/UNV/5A4/2DIM/P7 and OT150/UNV/5A4/P7

Max.input current : 2,0 A
Max. input power : 180 W

Product data – type OT200/UNV/1A0 2DIM P7, OT200/UNV/1A0 P7, OT200/UNV/1A0/2DIM/P7, OT200/UNV/1A0/P7, OT200/UNV/1A5 2DIM P7, OT200/UNV/1A5 P7, OT200/UNV/1A5/2DIM/P7, OT200/UNV/1A5/P7, OT200/UNV/2A1 2DIM P7, OT200/UNV/2A1 P7, OT200/UNV/2A1/2DIM/P7, OT200/UNV/2A1/P7, OT200/UNV/3A0 2DIM P7, OT200/UNV/3A0 P7, OT200/UNV/3A0/2DIM/P7, OT200/UNV/3A0/P7, OT200/UNV/5A0 2DIM P7, OT200/UNV/5A0 P7, OT200/UNV/5A0/2DIM/P7, OT200/UNV/5A0/P7, OT200/UNV/6A7 2DIM P7, OT200/UNV/6A7 P7, OT200/UNV/6A7/2DIM/P7 and OT200/UNV/6A7/P7

Max.input current : 2,8 A
Max. input power : 240 W

TESTS

Test requirements

EN 61347-1:2015
EN 61347-1:2015/A1:2021
EN 61347-2-13:2014
EN 61347-2-13:2014/A1:2017
EN IEC 62384:2020

Test result

The test results are laid down in DEKRA test file 490470800.

Additional information

This certificate replaces certificate No. 35-132051 which we hereby declare invalid.

The list of components is laid down in test report 4903690A.50, 4903690A.51.

Conclusion

The examination proved that all requirements were met.

Trade name(s) : INVENTRONICS stands for

inventronics

Model list

Model No.	Max. In (A)	Max. input power (W)	PF	Irated (A)	Urated (VDC)	Uout (VDC)	Prated (W) Max.	Insulation type
OT 100/UNV/3A5 2DIM P7, OT100/UNV/3A5/2DIM/P7	1,5	115	0,50C-0,99	0,35-3,50	20-41	50	105	SELV
OT 100/UNV/3A5 P7, OT100/UNV/3A5/P7	1,5	115	0,77C-0,99	1,75-3,50	20-41	50	105	SELV
OT 100/UNV/2A5 2DIM P7, OT100/UNV/2A5/2DIM/P7	1,5	115	0,51C-0,99	0,25-2,50	38-62	70	105	SELV
OT 100/UNV/2A5 P7, OT100/UNV/2A5/P7	1,5	115	0,77C-0,99	1,25-2,50	38-62	70	105	SELV
OT 100/UNV/1A4 2DIM P7, OT100/UNV/1A4/2DIM/P7	1,5	115	0,82C-0,99	0,70-1,40	50-100	120	105	SELV
OT 100/UNV/1A4 P7, OT100/UNV/1A4/P7	1,5	115	0,82C-0,99	0,70-1,40	50-100	120	105	SELV
OT 100/UNV/1A0 2DIM P7, OT100/UNV/1A0/2DIM/P7	1,5	115	0,80C-0,99	0,50-1,05	75-150	170	105	Isolating
OT 100/UNV/1A0 P7, OT100/UNV/1A0/P7	1,5	115	0,80C-0,99	0,53-1,05	75-150	170	105	Isolating
OT 120/UNV/3A5 2DIM P7, OT120/UNV/3A5/2DIM/P7	1,7	130	0,53C-0,99	0,35-3,50	20-41	50	120	SELV
OT 120/UNV/3A5 P7, OT120/UNV/3A5/P7	1,7	130	0,83C-0,99	1,75-3,50	20-41	50	120	SELV
OT 120/UNV/2A5 2DIM P7, OT120/UNV/2A5/2DIM/P7	1,7	130	0,51C-0,99	0,25-2,50	38-62	70	120	SELV
OT 120/UNV/2A5 P7, OT120/UNV/2A5/P7	1,7	130	0,78C-0,99	1,25-2,50	38-62	70	120	SELV
OT 120/UNV/1A4 2DIM P7, OT120/UNV/1A4/2DIM/P7	1,7	130	0,52C-0,99	0,14-1,40	50-100	120	120	SELV
OT 120/UNV/1A4 P7, OT120/UNV/1A4/P7	1,7	130	0,80C-0,99	0,70-1,40	50-100	120	120	SELV
OT 120/UNV/1A0 2DIM P7, OT120/UNV/1A0/2DIM/P7	1,7	130	0,53C-0,99	0,1-1,05	75-150	170	120	Isolating
OT 120/UNV/1A0 P7, OT120/UNV/1A0/P7	1,7	130	0,82C-0,99	0,53-1,05	75-150	170	120	Isolating
OT 150/UNV/5A4 2DIM P7, OT150/UNV/5A4/2DIM/P7	2,0	180	0,52C-0,99	0,54-5,4	20-41	50	150	SELV
OT 150/UNV/5A4 P7, OT150/UNV/5A4/P7	2,0	180	0,81C-0,99	2,70-5,40	20-41	50	150	SELV
OT 150/UNV/3A6 2DIM P7, OT150/UNV/3A6/2DIM/P7	2,0	180	0,53C-0,99	0,36-3,60	38-62	70	150	SELV
OT 150/UNV/3A6 P7, OT150/UNV/3A6/P7	2,0	180	0,79C-0,99	1,80-3,60	38-62	70	150	SELV
OT 150/UNV/2A1 2DIM P7, OT150/UNV/2A1/2DIM/P7	2,0	180	0,52C-0,99	0,21-2,10	54-108	120	150	SELV
OT 150/UNV/2A1 P7, OT150/UNV/2A1/P7	2,0	180	0,80C-0,99	1,05-2,10	54-108	120	150	SELV
OT 150/UNV/1A5 2DIM P7, OT150/UNV/1A5/2DIM/P7	2,0	180	0,77C-0,99	0,75-1,50	80-143	170	150	Isolating

OT 150/UNV/1A5 P7, OT150/UNV/1A5/P7	2,0	180	0,77C- 0,99	0,75-1,50	80-143	170	150	Isolating
OT 150/UNV/1A0 2DIM P7, OT150/UNV/1A0/2DIM/P7	2,0	180	0,80C- 0,99	0,5-1,05	107- 214	240	150	Isolating
OT 150/UNV/1A0 P7, OT150/UNV/1A0/P7	2,0	180	0,80C- ,099	0,53-1,05	107- 214	240	150	Isolating
OT 200/UNV/6A7 2DIM P7, OT200/UNV/6A7/2DIM/P7	2,8	240	0,49C- 0,99	0,67-6,67	20-41	50	200	SELV
OT 200/UNV/6A7 P7, OT200/UNV/6A7/P7	2,8	240	0,79C- 0,99	3,34-6,67	20-41	50	200	SELV
OT 200/UNV/5A0 2DIM P7, OT200/UNV/5A0/2DIM/P7	2,8	240	0,50C- 0,99	0,50-5,00	38-62	70	200	SELV
OT 200/UNV/5A0 P7, OT200/UNV/5A0/P7	2,8	240	0,80C- 0,99	2,50-5,00	38-62	70	200	SELV
OT 200/UNV/3A0 2DIM P7, OT200/UNV/3A0/2DIM/P7	2,8	240	0,52C- 0,99	0,30-3,00	48-96	120	200	SELV
OT 200/UNV/3A0 P7, OT200/UNV/3A0/P7	2,8	240	0,81C- 0,99	1,50-3,00	48-96	120	200	SELV
OT 200/UNV/2A1 2DIM P7, OT200/UNV/2A1/2DIM/P7	2,8	240	0,52C- 0,99	0,21-2,10	70-143	160	200	Isolating
OT 200/UNV/2A1 P7, OT200/UNV/2A1/P7	2,8	240	0,82C- 0,99	1,05-2,10	70-143	160	200	Isolating
OT 200/UNV/1A5 2DIM P7, OT200/UNV/1A5/2DIM/P7	2,8	240	0,82C- 0,99	0,75-1,50	96-191	210	200	Isolating
OT 200/UNV/1A5 P7, OT200/UNV/1A5/P7	2,8	240	0,82C- 0,99	0,75-1,50	96-191	210	200	Isolating
OT 200/UNV/1A0 2DIM P7, OT200/UNV/1A0/2DIM/P7	2,8	240	0,78C- 0,99	0,50-1,05	143- 286	300	200	Isolating
OT 200/UNV/1A0 P7, OT200/UNV/1A0/P7	2,8	240	0,78C- 0,99	0,53-1,05	143- 286	300	200	Isolating