

# CERTIFICATE

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

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

Product : Independent LED driver  
Trade name(s) : INVENTRONICS or OSRAM  
Type(s)/model(s) : OT320/UNV/10A0/2DIM/A/P7, OT320/UNV/10A0/2DIM/P7,  
OT320/UNV/10A0/P7, OT320/UNV/1A1/2DIM/A/P7, OT320/UNV/1A1/2DIM/P7,  
OT320/UNV/1A1/P7, OT320/UNV/2A1/2DIM/A/P7, OT320/UNV/2A1/2DIM/P7,  
OT320/UNV/2A1/P7, OT320/UNV/3A2/2DIM/A/P7, OT320/UNV/3A2/2DIM/P7,  
OT320/UNV/3A2/P7, OT320/UNV/7A5/2DIM/A/P7, OT320/UNV/7A5/2DIM/P7,  
OT320/UNV/7A5/P7, OT 320/UNV/10A0 2DIM A P7,  
OT 320/UNV/10A0 2DIM P7, OT 320/UNV/10A0 P7,  
OT 320/UNV/1A1 2DIM A P7, OT 320/UNV/1A1 2DIM P7,  
OT 320/UNV/1A1 P7, OT 320/UNV/2A1 2DIM A P7,  
OT 320/UNV/2A1 2DIM P7, OT 320/UNV/2A1 P7,  
OT 320/UNV/3A2 2DIM A P7, OT 320/UNV/3A2 2DIM P7,  
OT 320/UNV/3A2 P7, OT 320/UNV/7A5 2DIM A P7, OT 320/UNV/7A5 2DIM P7  
and OT 320/UNV/7A5 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
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6064544

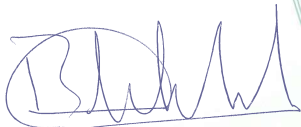
DEKRA hereby grants the right to use the ENEC certification mark.

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 22 December 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-134293

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



Miranda Zhou  
Certification Manager

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DUTCH ACCREDITATION  
COUNCIL





**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

Product	: Independent LED driver
Trade name(s)	: INVENTRONICS or OSRAM
Type(s)/model(s)	: OT320/UNV/10A0/2DIM/A/P7, OT320/UNV/10A0/2DIM/P7, OT320/UNV/10A0/P7, OT320/UNV/1A1/2DIM/A/P7, OT320/UNV/1A1/2DIM/P7, OT320/UNV/1A1/P7, OT320/UNV/2A1/2DIM/A/P7, OT320/UNV/2A1/2DIM/P7, OT320/UNV/2A1/P7, OT320/UNV/3A2/2DIM/A/P7, OT320/UNV/3A2/2DIM/P7, OT320/UNV/3A2/P7, OT320/UNV/7A5/2DIM/A/P7, OT320/UNV/7A5/2DIM/P7, OT320/UNV/7A5/P7, OT 320/UNV/10A0 2DIM A P7, OT 320/UNV/10A0 2DIM P7, OT 320/UNV/1A1 2DIM A P7, OT 320/UNV/1A1 2DIM P7, OT 320/UNV/1A1 P7, OT 320/UNV/2A1 2DIM A P7, OT 320/UNV/2A1 2DIM P7, OT 320/UNV/2A1 P7, OT 320/UNV/3A2 2DIM A P7, OT 320/UNV/3A2 2DIM P7, OT 320/UNV/3A2 P7, OT 320/UNV/7A5 2DIM A P7, OT 320/UNV/7A5 2DIM P7 and OT 320/UNV/7A5 P7
Rated current	: max. 4,2 A
Rated voltage	: AC 100-277 V
Prated (W) Max.	: 320 W
Rated frequency	: 50/60 Hz
Rated wattage	: max. 380 W
Ambient temperature	: 50 °C for 100-200 V; 60 °C for 200-277 V
Max. case temperature	: 90 °C
Class of insulation	: class I
Degree of protection	: IP67
Additional information	: constant current type, independent, non-inherently short-circuit proof, 110 °C thermal protection

**Product data – type OT 320/UNV/10A0 2DIM A P7, OT 320/UNV/10A0 2DIM P7, OT320/UNV/10A0/2DIM/A/P7 and OT320/UNV/10A0/2DIM/P7**

Power factor : 0,51C-0,99

**Product data – type OT 320/UNV/10A0 P7 and OT320/UNV/10A0/P7**

Power factor : 0,74C-0,99

**Product data – type OT 320/UNV/1A1 2DIM A P7, OT 320/UNV/1A1 2DIM P7, OT 320/UNV/1A1 P7, OT320/UNV/1A1/2DIM/A/P7, OT320/UNV/1A1/2DIM/P7 and OT320/UNV/1A1/P7**

Power factor : 0,83C-0,99

**Product data – type OT 320/UNV/2A1 2DIM A P7, OT 320/UNV/2A1 2DIM P7, OT320/UNV/2A1/2DIM/A/P7 and OT320/UNV/2A1/2DIM/P7**

Power factor : 0,53C-0,99

**Product data – type OT 320/UNV/2A1 P7 and OT320/UNV/2A1/P7**

Power factor : 0,82C-0,99

**Product data – type OT 320/UNV/3A2 2DIM A P7, OT 320/UNV/3A2 2DIM P7, OT320/UNV/3A2/2DIM/A/P7 and OT320/UNV/3A2/2DIM/P7**

Power factor : 0,52C-0,99

**Product data – type OT 320/UNV/3A2 P7 and OT320/UNV/3A2/P7**

Power factor : 0,78C-0,99

**Product data – type OT 320/UNV/7A5 2DIM A P7, OT 320/UNV/7A5 2DIM P7, OT320/UNV/7A5/2DIM/A/P7 and OT320/UNV/7A5/2DIM/P7**

Power factor : 0,49C-0,99

**Product data – type OT 320/UNV/7A5 P7 and OT320/UNV/7A5/P7**

Power factor : 0,72C-0,99

## 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 490368900.

### Additional information

The list of components is laid down in test report 4903689.50, 4903689.51.

### Conclusion

The examination proved that all requirements were met.

Trade name(s) : INVENTRONICS stands for

## inventronics

### Model list

Model No.	PF	Irated (A)	Urated (VDC)	Uout (VDC)	Prated (W) Max.	Insulation type
OT 320/UNV/10A0 2DIM P7, OT 320/UNV/10A0 2DIM A P7, OT320/UNV/10A0/2DIM/P7, OT320/UNV/10A0/2DIM/A/P7	0,51C-0,99	1-10	20-41	60	320	SELV
OT 320/UNV/10A0 P7, OT320/UNV/10A0/P7	0,74C-0,99	5-10	20-41	60	320	SELV
OT 320/UNV/7A5 2DIM P7, OT 320/UNV/7A5 2DIM A P7, OT320/UNV/7A5/2DIM/P7, OT320/UNV/7A5/2DIM/A/P7	0,49C-0,99	0,75-7,5	38-62	80	320	SELV
OT 320/UNV/7A5 P7, OT320/UNV/7A5/P7	0,72C-0,99	3,75-7,5	38-62	80	320	SELV
OT 320/UNV/3A2 2DIM P7, OT 320/UNV/3A2 2DIM A P7, OT320/UNV/3A2/2DIM/P7, OT320/UNV/3A2/2DIM/A/P7	0,52C-0,99	0,32-3,2	72-143	160	320	Isolating
OT 320/UNV/3A2 P7, OT320/UNV/3A2/P7	0,78C-0,99	1,6-3,2	72-143	160	320	Isolating
OT 320/UNV/2A1 2DIM P7, OT 320/UNV/2A1 2DIM A P7, OT320/UNV/2A1/2DIM/P7, OT320/UNV/2A1/2DIM/A/P7	0,53C-0,99	0,21-2,1	115-230	260	320	Isolating
OT 320/UNV/2A1 P7, OT320/UNV/2A1/P7	0,82C-0,99	1,05-2,1	115-230	260	320	Isolating
OT 320/UNV/1A1 2DIM P7, OT 320/UNV/1A1 2DIM A P7, OT320/UNV/1A1/2DIM/P7, OT320/UNV/1A1/2DIM/A/P7	0,83C-0,99	0,52-1,1	228-457	480	320	Isolating
OT 320/UNV/1A1 P7, OT320/UNV/1A1/P7	0,83C-0,99	0,55-1,1	228-457	480	320	Isolating