

# 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 drivers  
Trade name(s) : INVENTRONICS or OSRAM  
Type(s)/model(s) : IT DIM 12/220-240/300 CS I, IT DIM 20/220-240/500 CS I and  
IT DIM 40/220-240/1A0 CS I

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

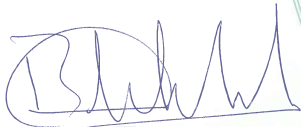
DEKRA hereby grants the right to use the ENEC certification mark.

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

Certificate number: 35-126718 REV.2

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



K. Lin  
Certification Manager

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

Product	: Independent LED drivers
Trade name(s)	: INVENTRONICS or OSRAM
Type(s)/model(s)	: IT DIM 12/220-240/300 CS I, IT DIM 20/220-240/500 CS I and IT DIM 40/220-240/1A0 CS I
Rated voltage	: 220-240V
Rated frequency	: 50/60 Hz
Rated inputclass of insulation	: Class II
Degree of protection	: IP20
Additional information	: SELV, Independent, Safety isolating non-inherently short circuit proof, 110 °C thermal protection, constant current type

**Product data – type IT DIM 12/220-240/300 CS I**

In	: 0,03-0,07 A
Irated	: 70-300 mA

**Product data – type IT DIM 20/220-240/500 CS I**

In	: 0,05-0,14 A
Irated	: 150-500 mA

**Product data – type IT DIM 40/220-240/1A0 CS I**

In	: 0,16-0,27 A
Irated	: 600-1050 mA

**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 490465800.

**Additional information**

This certificate replaces certificate No. 35-126718 REV.1 which we hereby declare invalid.

The list of components is laid down in test report 4392563B.50, 4392563B.51.

**Conclusion**

The examination proved that all requirements were met.



Trade name(s) : OSRAM stands for

**OSRAM**

INVENTRONICS stands for

**inventronics**

## Model list

Model No.	In (A)	Irated (mA)	Urated (Vdc)	Uout (Vdc)	Prated (W)	$\lambda$	ta (°C)	tc (°C)
IT DIM 40/220-240/1A0 CS I	0,16	600	23-42	60	25	0,91C-0,97	-20...+50	80
	0,19	700			30	0,91C-0,97		
	0,20	750			32	0,93C-0,97		
	0,21	800			34	0,93C-0,97		
	0,22	850			36	0,95-0,98		
	0,24	900			38	0,95-0,98		
	0,25	950			40	0,95-0,98		
	0,27	1050			44	0,95-0,98	-20...+45	
IT DIM 20/220-240/500 CS I	0,05	150	23-42	60	7	0,73C-0,9C	-20...+50	75
	0,06	200			9	0,8C-0,92C		
	0,08	250			11	0,86C-0,95		
	0,09	300			13	0,9C-0,96		
	0,10	350			15	0,92C-0,97		
	0,11	400			17	0,92C-0,97		
	0,12	450			19	0,94C-0,97		
	0,14	500			21	0,94C-0,97		
IT DIM 12/220-240/300 CS I	0,03	70	23-42	60	2,9	0,5C-0,7C	-20...+50	75
	0,04	120			5,0	0,6C-0,85C		
	0,04	150			6,3	0,7C-0,9C		
	0,05	180			7,6	0,75C-0,92C		
	0,05	200			8,4	0,75C-0,94C		
	0,06	230			9,6	0,83C-0,95		
	0,06	250			10,5	0,85C-0,96		
	0,07	300			12,6	0,89C-0,97		