

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 : Built-in LED drivers
Trade name(s) : OSRAM
Type(s)/model(s) : OT FIT 20/220-240/500 CS T-x, OT FIT 30/220-240/800 CS T-x and
OT FIT 40/220-240/1A0 CS T-x

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 61347-2-13:2014, EN 61347-2-13:2014/A1:2017, EN 61347-1:2015, EN 61347-1:2015/A1:2021 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.

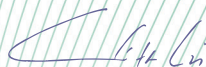
This certificate is issued on 5 July 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-112153 REV.1

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



C. Lin
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Built-in LED drivers
Trade name(s)	: OSRAM
Type(s)/model(s)	: OT FIT 20/220-240/500 CS T-x, OT FIT 30/220-240/800 CS T-x and OT FIT 40/220-240/1A0 CS T-x
Rated input voltage	: 220-240 V~
Rated frequency	: 50/60 Hz
Max. open load voltage	: 60 Vdc
Max. case temperature (tc)	: 75 °C
Ambient temperature (ta)	: 35 °C
Additional information	: SELV, Safety isolating non-inherently shorted circuit proof, 110 °C thermal protection, constant current type

Product data – type OT FIT 20/220-240/500 CS T-x

Rated input current	: Input 1: 62 mA; Input 2: 83 mA; Input 3: 106 mA; Input 4: 115 mA;
Output current	: Output 1: 250 mA; Output 2: 350 mA; Output 3: 450 mA; Output 4: 500 mA;
Output voltage range	: 25-42 Vdc
Max. output watt	: Output 1: 10,5 W; Output 2: 14,7 W; Output 3: 18,9 W; Output 4: 21,0 W;
Power factor	: Output 1: 0,88C-0,95; Output 2/3/4: 0,93C-0,98

Product data – type OT FIT 30/220-240/800 CS T-x

Rated input current	: Input 1: 140 mA; Input 2: 164 mA; Input 3: 175 mA; Input 4: 187 mA;
Output current	: Output 1: 600 mA; Output 2: 700 mA; Output 3: 750 mA; Output 4: 800 mA;
Output voltage range	: 25-42 Vdc
Max. output watt	: Output 1: 25,2 W, Output 2: 29,4 W, Output 3: 31,5 W, Output 4: 33,6 W
Power factor	: Output 1: 0,85C-0,9C; Output 2/3/4: 0,89C-0,97

Product data – type OT FIT 40/220-240/1A0 CS T-x

Rated input current	: Input 1: 197 mA; Input 2: 210 mA; Input 3: 225 mA; Input 4: 238 mA;
Output current	: Output 1: 850 mA; Output 2: 900 mA; Output 3: 950 mA; Output 4: 1050 mA;
Output voltage range	: 27-42 Vdc
Max. output watt	: Output 1: 35,7 W, Output 2: 37,8 W, Output 3: 39,9 W, Output 4: 44,1 W
Power factor	: 0,91C-0,97

TESTS**Test requirements**

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

Test result

The test results are laid down in DEKRA test file 490469800.

Additional information

Model reference:

OT FIT 40/220-240/1A0 CS T-x, OT FIT 30/220-240/800 CS T-x,

OT FIT 20/220-240/500 CS T-x

(x can be B, W or G, indicates the colour of enclosure can be black, white or grey)

The products also consider EN IEC 60598-1:2021 + A11:2022.

This certificate replaces certificate No. 35-112153 which we hereby declare invalid.

The list of components is laid down in test report 4359459A.50, 4359459A.51.

Conclusion

The examination proved that all requirements were met.