

# 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 : Built-in LED drivers  
Trade name(s) : OSRAM  
Type(s)/model(s) : OT FIT 18/220-240/350 CS L AP, OT FIT 35/220-240/350 D CS L,  
OT FIT 65/220-240/350 D CS L and OT FIT 75/220-240/350 D CS L

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

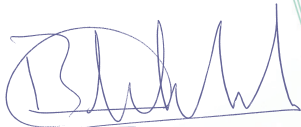
DEKRA hereby grants the right to use the ENEC certification mark.

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

Certificate number: 35-105474 REV.1

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



R Zhou  
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 18/220-240/350 CS L AP, OT FIT 35/220-240/350 D CS L, OT FIT 65/220-240/350 D CS L and OT FIT 75/220-240/350 D CS L
Rated input voltage	: 220-240 V~
Rated frequency	: 50/60 Hz
Class of insulation	: Class I construction

**Product data – type OT FIT 18/220-240/350 CS L AP**

Rated input current	: Output 1: 0,06 A; Output 2: 0,07 A; Output 3: 0,09 A; Output 4: 0,10 A
Output current	: Output 1: 200 mA; Output 2: 250 mA; Output 3: 300 mA; Output 4: 350 mA
Output voltage range	: 20-51 Vdc
Max. open load voltage	: 60 Vdc
Max. output watt	: Output 1: 10 W; Output 2: 13 W; Output 3: 15 W; Output 4: 18 W
Ambient temperature (ta)	: 50 °C
Max. case temperature (tc)	: 70 °C
Power factor	: 0,79C-0,98
Description	: SELV; Safety isolating non-inherently shorted circuit proof; 110 °C thermal protection

**Product data – type OT FIT 35/220-240/350 D CS L**

Rated input current	: Output 1: 0,16 A; Output 2: 0,22 A; Output 3: 0,20 A; Output 4: 0,22 A
Output current	: Output 1: 200 mA; Output 2: 250 mA; Output 3: 300 mA; Output 4: 350 mA
Output voltage range	: Output 1, Output 2: 40-160 Vdc; Output 3, Output 4: 40-115 Vdc
Max. open load voltage	: 250 Vdc
Max. output watt	: Output 1: 32 W; Output 2: 40 W; Output 3: 35 W; Output 4: 40 W
Ambient temperature (ta)	: 50 °C
Max. case temperature (tc)	: 75 °C
Power factor	: 0,82C-0,98
Description	: Auto-wound controlgear, 110 °C thermal protection

**Product data – type OT FIT 65/220-240/350 D CS L**

Rated input current	: Output 1: 0,25 A; Output 2: 0,30 A; Output 3: 0,32 A; Output 4: 0,35 A
Output current	: Output 1: 200 mA; Output 2: 250 mA; Output 3: 300 mA; Output 4: 350 mA
Output voltage range	: Output 1, Output 2: 70-220 Vdc; Output 3, Output 4: 70-190 Vdc
Max. open load voltage	: 250 Vdc
Max. output watt	: Output 1: 44 W; Output 2: 55 W; Output 3: 57 W; Output 4: 67 W
Ambient temperature (ta)	: 50 °C
Max. case temperature (tc)	: 75 °C

Power factor : 0,78C-0,98  
Description : Auto-wound controlgear, 110 °C thermal protection

**Product data – type OT FIT 75/220-240/350 D CS L**

Rated input current : Output 1: 0,25 A; Output 2: 0,30 A;  
Output 3: 0,33 A; Output 4: 0,36 A  
Output current : Output 1: 200 mA; Output 2: 250 mA;  
Output 3: 300 mA; Output 4: 350 mA  
Output voltage range : 70-220 Vdc  
Max. open load voltage : 250 V  
Max. output wattage : Output 1: 44 W; Output 2: 55 W;  
Output 3: 66 W; Output 4: 77 W  
Ambient temperature (ta) : 50 °C  
Max. case temperature (tc) : 75 °C  
Power factor : 0,80C-0,98  
Description : Auto-wound controlgear, 110 °C thermal protection

**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 490461200.

**Additional information**

This certificate replaces certificate No. 35-105474 which we hereby declare invalid.

The list of components is laid down in test report 4339503A.50, 4339503B.52, 4339503C.51.

**Conclusion**

The examination proved that all requirements were met.