

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) : INVENTRONICS or OSRAM
Type(s)/model(s) : IT FIT 18/220-240/350 CS D L, IT FIT 18/220-240/350 CS L,
IT FIT 40/220-240/350 CS D L, IT FIT 40/220-240/800 CS L,
IT FIT 60/220-240/1A2 CS L, IT FIT 60/220-240/350 CS D L,
IT FIT 60/220-240/350 D CS L G2, IT FIT 75/220-240/1A6 CS L and
IT FIT 75/220-240/550 CS D 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 18 October 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-120271 REV.1

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	: Built-in LED drivers
Trade name(s)	: INVENTRONICS or OSRAM
Type(s)/model(s)	: IT FIT 18/220-240/350 CS D L, IT FIT 18/220-240/350 CS L, IT FIT 40/220-240/350 CS D L, IT FIT 40/220-240/800 CS L, IT FIT 60/220-240/1A2 CS L, IT FIT 60/220-240/350 CS D L, IT FIT 60/220-240/350 D CS L G2, IT FIT 75/220-240/1A6 CS L and IT FIT 75/220-240/550 CS D L
Rated input voltage	: 220-240 V~
Rated frequency	: 50/60 Hz
Class of insulation	: Class I construction
Ambient temperature (ta)	: -25~ +50 °C

Product data – type IT FIT 18/220-240/350 CS D L

Output 1	: 200 mA, 25-54 Vdc, 10,8 W, In 0,060 A, PF 0,6C-0,9C
Output 2	: 250 mA, 25-54 Vdc, 13,5 W, In 0,073 A, PF 0,8C-0,94C
Output 3	: 300 mA, 25-54 Vdc, 16,2 W, In 0,085 A, PF 0,8C-0,95
Output 4	: 350 mA, 25-54 Vdc, 8,9 W, In 0,097 A, PF 0,9C-0,96
Additional information	: tc 75 °C, Uout: 250 Vdc, built-in type, auto-wound controlgear, non-inherently short circuit proof, 110 °C thermally protection, constant current type

Product data – type IT FIT 18/220-240/350 CS L

Output 1	: 200 mA, 23-54 Vdc, 10,8 W, In 0,062 A, PF: 0,7C-0,9C
Output 2	: 250 mA, 23-54 Vdc, 13,5 W, In 0,075 A, PF: 0,8C-0,9C
Output 3	: 300 mA, 23-54 Vdc, 16,2 W, In 0,087 A, PF: 0,8C-0,94C
Output 4	: 350 mA, 23-54 Vdc, 18,9 W, In 0,099 A, PF: 0,8C-0,95
Additional information	: SELV, tc 75 °C, Uout 60 Vdc, built-in type, safety isolating non-inherently short circuit proof, 110 °C thermally protection, constant current type;

Product data – type IT FIT 40/220-240/350 CS D L

Output 1	: 200 mA, 40-120 Vdc, 24,0 W, In 0,130 A, PF 0,7C-0,96
Output 2	: 250 mA, 40-120 Vdc, 30,0 W, In 0,154 A, PF 0,8C-0,96
Output 3	: 300 mA, 40-120 Vdc, 36,0 W, In 0,177 A, PF 0,8C-0,97
Output 4	: 350 mA, 40-120 Vdc, 42,0 W, In 0,202 A, PF 0,9C-0,98
Additional information	: tc 75 °C, Uout: 250 Vdc, built-in type, auto-wound controlgear, non-inherently short circuit proof, 110 °C thermally protection, constant current type

Product data – type IT FIT 40/220-240/800 CS L

Output 1	: 500 mA, 23-54 Vdc, 27,0 W, In 0,150 A, PF: 0,8C-0,96
Output 2	: 600 mA, 23-54 Vdc, 32,4 W, In 0,174 A, PF: 0,9C-0,97
Output 3	: 700 mA, 23-54 Vdc, 37,8 W, In 0,219 A, PF: 0,9C-0,97
Output 4	: 800 mA, 23-54 Vdc, 43,2 W, In 0,220 A, PF: 0,9C-0,98
Additional information	: SELV, tc 75 °C, Uout 60 Vdc, built-in type, safety isolating non-inherently short circuit proof, 110 °C thermally protection, constant current type;

Product data – type IT FIT 60/220-240/1A2 CS L

Output 1	: 900 mA, 23-54 Vdc 48,6 W, In 0,261 A, PF: 0,91C-0,97
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Output 2 : 1050 mA, 23-54 Vdc, 56,7 W, In 0,297 A, PF: 0,93C-0,97
Output 3 : 1100 mA, 23-54 Vdc, 59,4 W, In 0,302 A, PF: 0,94C-0,97
Output 4 : 1200 mA, 23-51 Vdc, 61,2 W, In 0,308 A; PF: 0,94C-0,98
Additional information : SELV, tc 75 °C, Uout 60 Vdc, built-in type, safety isolating
non-inherently short circuit proof, 110 °C thermally protection,
constant current type;

Product data – type IT FIT 60/220-240/350 CS D L

Output 1 : 200 mA, 90-175 Vdc, 35,0 W, In 0,177 A, PF 0,9C-0,96
Output 2 : 250 mA, 90-175 Vdc, 43,7 W, In 0,211 A, PF 0,9C-0,97
Output 3 : 300 mA, 90-175 Vdc, 52,5 W, In 0,250 A, PF 0,9C-0,97
Output 4 : 350 mA, 90-175 Vdc, 61,2 W, In 0,292 A; PF 0,9C-0,98
Additional information : tc 75 °C, Uout: 250 Vdc, built-in type, auto-wound controlgear,
non-inherently short circuit proof, 110 °C thermally protection,
constant current type

Product data – type IT FIT 60/220-240/350 D CS L G2

Output 1 : 175 mA, 90-175 Vdc, 30,6 W, In 0,147 A, PF 0,85C-0,95
Output 2 : 250 mA, 90-175 Vdc, 43,7 W, In 0,211 A, PF 0,9C-0,97
Output 3 : 300 mA, 90-175 Vdc, 52,5 W, In 0,250 A, PF 0,9C-0,97
Output 4 : 350 mA, 90-175 Vdc, 61,2 W, In 0,292 A; PF 0,9C-0,98
Additional information : tc 75 °C, Uout: 250 Vdc, built-in type, auto-wound controlgear,
non-inherently short circuit proof, 110 °C thermally protection,
constant current type

Product data – type IT FIT 75/220-240/1A6 CS L

Output 1 : 1300 mA, 23-54 Vdc, 70,2 W, In 0,365 A PF: 0,91C-0,97
Output 2 : 1400 mA, 23-54 Vdc, 75,6 W, In 0,381 A PF: 0,92C-0,97
Output 3 : 1500 mA, 23-51 Vdc, 76,5 W, In 0,383 A PF: 0,93C-0,98
Output 4 : 1600 mA, 23-48 Vdc, 76,8 W, In 0,383 A PF: 0,93C-0,98
Additional information : SELV, tc 75 °C, Uout 60 Vdc, built-in type, safety isolating
non-inherently short circuit proof, 110 °C thermally protection,
constant current type;

Product data – type IT FIT 75/220-240/550 CS D L

Output 1 : 350 mA, 90-216 Vdc, 75,6 W, In 0,357 A, PF 0,9C-0,97
Output 2 : 400 mA, 90-188 Vdc, 75,2 W, In 0,357 A, PF 0,9C-0,98
Output 3 : 500 mA, 90-150 Vdc, 75,0 W, In 0,372 A, PF 0,9C-0,98
Output 4 : 550 mA, 90-136 Vdc, 74,8 W, In 0,372 A, PF 0,9C-0,98
Additional information : tc 75 °C, Uout: 250 Vdc, built-in type, auto-wound controlgear,
non-inherently short circuit proof, 110 °C thermally protection,
constant current type

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 490105100.

Additional information

This certificate replaces certificate No. 35-120271 which we hereby declare invalid.

The list of components is laid down in test report 4901051.50, 4901051.51, 4901051.52, 4901051.53.

Conclusion

The examination proved that all requirements were met.

Factory location

Trade name(s) : INVENTRONICS stands for
inventronics