

CERTIFICATE

Issued to:
Applicant:
TCI Telecomunicazioni Italia S.r.l.
Via Parma, 14
21047 Saronno (Va), Italy

Licensee:
TCI Telecomunicazioni Italia S.r.l.
Via Parma, 14
21047 Saronno (Va), Italy

Product : Electronic Controlgear for LED Modules
Trade name(s) : TCI
Type(s)/model(s) : SIRIO SQ 165W/200-700 1-10V, SIRIO SQ 165W/300-1000 1-10V and
SIRIO SQ 165W/500-1500 1-10V

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 2033015

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.

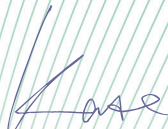
This certificate is issued on 11 December 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-126140 REV.1

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



K Xu
Certification Manager

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ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Electronic Controlgear for LED Modules
Trade name(s)	: TCI
Type(s)/model(s)	: SIRIO SQ 165W/200-700 1-10V, SIRIO SQ 165W/300-1000 1-10V and SIRIO SQ 165W/500-1500 1-10V
Rated voltage	: 220-240 Vac; 186-250 Vdc
Rated frequency	: 50/60 Hz at ac
Max. case temperature (tc)	: 85 °C
Ambient temperature (ta)	: -40 °C...+55 °C
Power factor	: 0,95
Input power	: 178 W
Input current	: 0,74-0,82 Aac or 0,56 Adc max
Output power	: 165 W
Temperature declared thermally protection	: 120 °C
Description	: Built-in LED driver with double insulation

Product data – type SIRIO SQ 165W/200-700 1-10V

Output current	: 200-700 mA
Output voltage	: 100-300 Vdc
Uout	: 330 Vdc

Product data – type SIRIO SQ 165W/300-1000 1-10V

Output current	: 300-1050 mA
Output voltage	: 80-235 Vdc
Uout	: 300 Vdc

Product data – type SIRIO SQ 165W/500-1500 1-10V

Output current	: 500-1500 mA
Output voltage	: 54-157 Vdc
Uout	: 200 Vdc

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 617370600.

Additional information

Constant current type and with screwless terminal block
Completely potted with asphalt
Reinforced insulation between primary and secondary

The tests were performed by the manufacturer under the conditions of the agreement concerning the manufacturer's right to conduct type tests for the ENEC certification system under supervision of DEKRA (CTF Stage 3).

This certificate replaces certificate No. 31-126140 which we hereby declare invalid.

The list of components is laid down in test report 6173706.50.

Conclusion

The examination proved that all requirements were met.

Factory locations

The factory locations are registered with the numbers 674666, 306303, 1845 and 15204.