

# CERTIFICATE

Issued to:  
Applicant:  
**TCI Telecomunicazioni Italia Srl**  
**Via Parma 14**  
**21047 Saronno (VA), Italy**

Licensee:  
**TCI Telecomunicazioni Italia Srl**  
**Via Parma 14**  
**21047 Saronno (VA), Italy**

Product : Electronic Controlgear for LED modules  
Trade name(s) : TCI  
Type(s)/model(s) : SIRIO SQ 110W/200-700 4PN and SIRIO SQ 110W/300-1000 4PN

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 IEC 62384:2020, EN 61347-1:2015, EN 61347-1:2015/A1:2021, EN 61347-2-13:2014 and EN 61347-2-13:2014/A1:2017
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 2033015

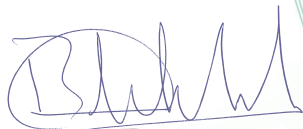
DEKRA hereby grants the right to use the ENEC certification mark.

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.

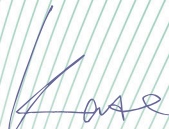
This certificate is issued on 14 September 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-125841 REV.1

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



K Xu  
Certification Manager

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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 110W/200-700 4PN and SIRIO SQ 110W/300-1000 4PN
Rated input voltage	: 220-240 Vac or 186-250 Vdc
Rated frequency	: 50/60 Hz at AC
Power factor	: 0,95
Rated input power	: 121 W
Output power	: 110 W
Ambient temperature (ta)	: -40 °C...+55 °C
Temperature declared thermally protection	: 130 °C
Max. case temperature (tc)	: 85 °C
Description	: Built-in with double/reinforced insulation

**Product data – type SIRIO SQ 110W/200-700 4PN**

Output current	: 0,2-0,7 A
Output voltage	: 70-220 Vdc
Uout	: 300 Vdc
Rated input current	: 0,49-0,55 Aac or 0,39 Adc max.

**Product data – type SIRIO SQ 110W/300-1000 4PN**

Output current	: 0,3-1,05 A
Output voltage	: 50-160 Vdc
Uout	: 230 Vdc
Rated input current	: 0,49-0,59 Aac or 0,39 Adc max.

**TESTS****Test requirements**

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

**Test result**

The test results are laid down in DEKRA test file 615243500.

**Additional information**

constant current type with screwless terminal block  
LED driver is completely potted with asphalt  
Double/reinforced insulation between PRI and SEC

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. 31-125841 which we hereby declare invalid.

The list of components is laid down in test report 6152435.50.

**Conclusion**

The examination proved that all requirements were met.

**Factory locations**

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