

# 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 110W/200-700 1-10V, SIRIO SQ 110W/300-1000 1-10V,  
SIRIO SQ 75W/200-700 1-10V, SIRIO SQ 75W/300-1000 1-10V and  
SIRIO SQ 75W/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 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

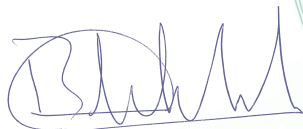
DEKRA hereby grants the right to use the ENEC certification mark.

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 11 December 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-126260 REV.1

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



Miranda Zhou  
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 1-10V, SIRIO SQ 110W/300-1000 1-10V, SIRIO SQ 75W/200-700 1-10V, SIRIO SQ 75W/300-1000 1-10V and SIRIO SQ 75W/500-1500 1-10V
Rated voltage	: 220-240 Vac
Rated frequency	: 50/60 Hz
Power factor	: 0,95
Ambient temperature (ta)	: -40...+55 °C
Description	: Built-in LED driver with double insulation

**Product data – type SIRIO SQ 110W/200-700 1-10V**

Rated input current	: 0,49-0,59A
Rated input power	: 121 W
Output current	: 0,2-0,7A
Output voltage	: 70-220 Vdc
Uout	: 300 Vmax
Output power	: 110 W
Case temperature (tc)	: 90 °C

**Product data – type SIRIO SQ 110W/300-1000 1-10V**

Rated input current	: 0,49-0,59A
Rated input power	: 121 W
Output current	: 0,3-1,05A
Output voltage	: 50-160 Vdc
Uout	: 230 V
Output power	: 110 W
Case temperature (tc)	: 90 °C

**Product data – type SIRIO SQ 75W/200-700 1-10V**

Rated input current	: 0,34-0,4A
Rated input power	: 84 W
Output current	: 0,2-0,7A
Output voltage	: 50-150 Vdc
Uout	: 220 V
Output power	: 75 W
Case temperature (tc)	: 80 °C

**Product data – type SIRIO SQ 75W/300-1000 1-10V**

Rated input current	: 0,34-0,4A
Rated input power	: 84 W
Output current	: 0,3-1,05A
Output voltage	: 35-108 Vdc
Uout	: 150 V
Output power	: 75 W
Case temperature (tc)	: 80 °C

**Product data – type SIRIO SQ 75W/500-1500 1-10V**

Rated input current	: 0,34-0,4A
Rated input power	: 84 W
Output current	: 0,5-1,5A
Output voltage	: 25-75 Vdc
Uout	: 120 V;SELV
Output power	: 75 W
Case temperature (tc)	: 80 °C

**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 617370500.

**Additional information**

constant current type with terminal block

LED driver is completely potted with asphalt

Thermal protected

Double/reinforced insulation between input and output circuit

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. 31-126260 which we hereby declare invalid.

The list of components is laid down in test report 6173705.50 and 6173705.52.

**Conclusion**

The examination proved that all requirements were met.

**Factory locations**

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