

# 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 22W/200-700 AD, SIRIO SQ 22W/300-1000 AD,  
SIRIO SQ 40W/200-700 AD and SIRIO SQ 40W/300-1000 AD

The product and any acceptable variation thereto is 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 the standard(s) 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

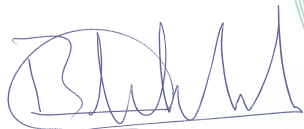
DEKRA hereby grants the right to use the ENEC certification mark.

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.

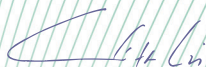
This certificate is issued on 5 December 2022 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-126427

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



C. Lin  
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 22W/200-700 AD, SIRIO SQ 22W/300-1000 AD, SIRIO SQ 40W/200-700 AD and SIRIO SQ 40W/300-1000 AD
Rated voltage	: 220-240 Vac or 186-250 Vdc
Rated frequency	: 50/60 Hz at ac
Power factor	: 0,95
Max. case temperature (tc)	: 85 °C
Ambient temperature (ta)	: -40...+55 °C
Temperature declared thermally protection	: 120 °C
Description	: Built-in with double/reinforced insulation; SELV

**Product data – type SIRIO SQ 22W/200-700 AD**

Input current	: 0,12-0,13 Aac or 0,07-0,13 Adc
Output voltage	: 16-48 Vdc
Uout	: 70V
Output current	: 0,2-0,7 A
Output power	: 22 W

**Product data – type SIRIO SQ 22W/300-1000 AD**

Input current	: 0,12-0,13 Aac or 0,07-0,13 Adc
Output voltage	: 8-32 Vdc
Uout	: 50V
Output current	: 0,3-1,05 A
Output power	: 22 W

**Product data – type SIRIO SQ 40W/200-700 AD**

Input current	: 0,21-0,23 Aac or 0,12-0,18 Adc
Output voltage	: 25-77 Vdc
Uout	: 100V
Output current	: 0,2-0,7 A
Output power	: 40 W

**Product data – type SIRIO SQ 40W/300-1000 AD**

Input current	: 0,21-0,23 Aac or 0,12-0,18 Adc
Output voltage	: 20-54 Vdc
Uout	: 90V
Output current	: 0,3-1,05 A
Output power	: 40 W

**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 614108200.

**Additional information**

constant current type with screwless terminal block  
suitable for emergency luminaire acc. 60598-2-22 excluding high-risk task area  
Insulation between Input to Equi, housing / DALI-SR / LED, NTC: Reinforced insulation / SELV  
Insulation between Equi, housing to DALI-SR / LED, NTC: Basic insulation  
Insulation between DALI-SR to LED, NTC: Supplementary insulation

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).

The list of components is laid down in test report 6141082.50.

**Conclusion**

The examination proved that all requirements were met.

**Factory locations**

The factory locations are registered with the numbers 674666, 305810 and 306303.