

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 75W/200-700 AD and SIRIO SQ 75W/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

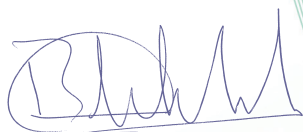
DEKRA hereby grants the right to use the ENEC certification mark.

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.

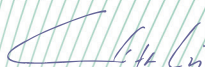
This certificate is issued on 5 December 2022 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-126459

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



C. Lin
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 75W/200-700 AD and SIRIO SQ 75W/300-1000 AD
Rated voltage	: 220-240 Vac or 186-250 Vdc
Rated frequency	: 50/60 Hz at ac or DC
Power factor	: 0,95
Output power	: 75 W
Ambient temperature (ta)	: -40...+55 °C
Max. case temperature (tc)	: 90 °C
Temperature declared thermally protection	: 120 °C
Description	: Built-in with double/reinforced insulation
Input current	: 0,34-0,38 Aac or 0,2-0,3 Adc

Product data – type SIRIO SQ 75W/200-700 AD

Input power	: 86 W
Output voltage	: 50-150 Vdc
Uout	: 200V
Output current	: 0,2-0,7 A

Product data – type SIRIO SQ 75W/300-1000 AD

Input power	: 87 W
Output voltage	: 35-108 Vdc
Uout	: 150V
Output current	: 0,3-1,05 A

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 614108400.

Additional information

constant current type with screwless terminal block
suitable for emergency luminaire acc. 60598-2-22 excluding high-risk task area

The products are fully potted with asphalt.

The insulation between Input to Output/DA/24V is: Reinforced insulation

The insulation between Input to EQUI is: Reinforced insulation

The insulation between Output/DA/24V to EQUI is: Supplementary insulation

The insulation between Output to DA/24V is: Supplementary insulation

DA/24V is SELV

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 6141084.50.

Conclusion

The examination proved that all requirements were met.

Factory location

The factory location is registered with the number 674666.