

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 4PN, SIRIO SQ 75W/300-1000 4PN and
SIRIO SQ 75W/500-1500 4PN

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

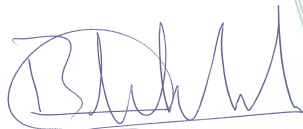
DEKRA hereby grants the right to use the ENEC certification mark.

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 8 November 2022 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-126132

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



R 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 75W/200-700 4PN, SIRIO SQ 75W/300-1000 4PN and SIRIO SQ 75W/500-1500 4PN
Rated voltage	: 220-240 Vac or 186-250 Vdc
Rated frequency	: 50/60 Hz at AC
Power factor	: 0,95
Rated input current	: 0,4-0,34 Aac or 0,27 Adc
Rated input power	: 84W
Output power	: 75 W
Max. case temperature (tc)	: 80 °C
Ambient temperature (ta)	: -40 °C...+55 °C
Temperature declared thermally protection	: 130 °C
Description	: Built-in with double/reinforced insulation

Product data – type SIRIO SQ 75W/200-700 4PN

Output current	: 200-700 mA
Output voltage	: 50-150 Vdc
Uout	: 220 Vdc

Product data – type SIRIO SQ 75W/300-1000 4PN

Output current	: 300-1050 mA
Output voltage	: 35-108 Vdc
Uout	: 150 Vdc

Product data – type SIRIO SQ 75W/500-1500 4PN

Output current	: 500-1500 mA
Output voltage	: 25-71 Vdc
Uout	: 120 Vdc; SELV

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 614109900.

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 KEMA-KEUR / ENEC certification system under supervision of DEKRA (CTF Stage 3).

The list of components is laid down in test report 6141099.50.

Conclusion

The examination proved that all requirements were met.

Factory locations

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