

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 : LED driver
Trade name(s) : TCI
Type(s)/model(s) : SIRIO SQ 22W/200-700 4PN, SIRIO SQ 22W/300-1000 4PN,
SIRIO SQ 40W/200-700 4PN and SIRIO SQ 40W/300-1000 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 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

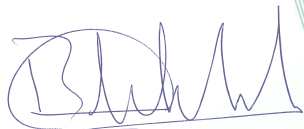
DEKRA hereby grants the right to use the ENEC certification mark.

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

Certificate number: 31-126179

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	: LED driver
Trade name(s)	: TCI
Type(s)/model(s)	: SIRIO SQ 22W/200-700 4PN, SIRIO SQ 22W/300-1000 4PN, SIRIO SQ 40W/200-700 4PN and SIRIO SQ 40W/300-1000 4PN
Rated voltage	: 220-240 Vac or 186-250 Vdc
Rated frequency	: 50/60 Hz at ac
Power factor	: 0,95
Ambient temperature (ta)	: -40...+55 °C
Temperature declared thermally protection	: 120 °C
Max. case temperature (tc)	: 85 °C
Description	: SELV; Built-in with double/reinforced insulation

Product data – type SIRIO SQ 22W/200-700 4PN

Rated input current	: 0,11-0,12 Aac or 0,006-0,09 Adc
Rated input power	: 26 W
Output power	: 22 W
Output current	: 200-700 mA
Output voltage	: 16-48 Vdc
Uout	: 70 Vdc

Product data – type SIRIO SQ 22W/300-1000 4PN

Rated input current	: 0,11-0,12 Aac or 0,006-0,09 Adc
Rated input power	: 26 W
Output power	: 22 W
Output current	: 300-1050 mA
Output voltage	: 8-32 Vdc
Uout	: 50 Vdc

Product data – type SIRIO SQ 40W/200-700 4PN

Rated input current	: 0,19-0,21 Aac or 0,01-0,15 Adc
Rated input power	: 46 W
Output power	: 40 W
Output current	: 200-700 mA
Output voltage	: 25-77 Vdc
Uout	: 100 Vdc

Product data – type SIRIO SQ 40W/300-1000 4PN

Rated input current	: 0,19-0,21 Aac or 0,01-0,15 Adc
Rated input power	: 46 W
Output power	: 40 W
Output current	: 300-1050 mA
Output voltage	: 20-54 Vdc
Uout	: 60 Vdc

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 614109700.

Additional information

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

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 6141097.50.

Conclusion

The examination proved that all requirements were met.

Factory locations

The factory locations are registered with the numbers 674666, 305810, 306303 and 1845.