

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 SL 150W/200-700 4PN, SIRIO SL 150W/300-1000 4PN,
SIRIO SL 75W/200-700 4PN and SIRIO SL 75W/300-1000 4PN

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 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 15 June 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 31-127021 REV.2

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



K. Lin
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Electronic Controlgear for LED Modules
Trade name(s)	: TCI
Type(s)/model(s)	: SIRIO SL 150W/200-700 4PN, SIRIO SL 150W/300-1000 4PN, SIRIO SL 75W/200-700 4PN and SIRIO SL 75W/300-1000 4PN
Rated voltage	: 220-240 Vac or 186-250 Vdc
Rated frequency	: 50/60 Hz at AC; DC
Power factor	: 0,95
Ambient temperature (ta)	: -40 °C...+55 °C
Temperature declared thermally protection	: 130 °C
Description	: Built-in with double/reinforced insulation

Product data – type SIRIO SL 150W/200-700 4PN

Rated input current	: 0,7-0,8 Aac or 0,6 Adc max
Rated input power	: 163 W
Output current	: 0,2-0,7 A
Output voltage	: 90-283 Vdc
Uout	: 340 Vdc
Output power	: 150 W
Max. case temperature (tc)	: 90 °C

Product data – type SIRIO SL 150W/300-1000 4PN

Rated input current	: 0,7-0,8 Aac or 0,6 Adc max
Rated input power	: 163 W
Output current	: 0,3-1,05 A
Output voltage	: 70-214 Vdc
Uout	: 260 Vdc
Output power	: 150 W
Max. case temperature (tc)	: 90 °C

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

Rated input current	: 0,35-0,43 Aac or 0,3 Adc max
Rated input power	: 82 W
Output current	: 0,2-0,7 A
Output voltage	: 50-150 Vdc
Uout	: 190 Vdc
Output power	: 75 W
Max. case temperature (tc)	: 85 °C

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

Rated input current	: 0,36-0,43 Aac or 0,3 Adc max
Rated input power	: 82 W
Output current	: 0,3-1,05 A
Output voltage	: 35-108 Vdc
Uout	: 140 Vdc
Output power	: 75 W
Max. case temperature (tc)	: 85 °C

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 616073200.

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 ENEC certification system under supervision of DEKRA (CTF Stage 3).

This certificate replaces certificate No. 31-127021 REV.1 which we hereby declare invalid.

The list of components is laid down in test report 6160732.50.

Conclusion

The examination proved that all requirements were met.

Factory locations

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