

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 40W/200-700 1-10V and SIRIO SL 40W/300-1000 1-10V

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

Certificate number: 31-126225

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



K. 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 SL 40W/200-700 1-10V and SIRIO SL 40W/300-1000 1-10V
Rated voltage	: 220-240 Vac
Rated frequency	: 50/60 Hz
Power factor	: 0,95
Max. case temperature (tc)	: 80 °C
Ambient temperature range (ta)	: -40...+55 °C
Temperature declared thermally protection	: 130 °C
Description	: SELV; Built-in type with double/reinforced insulation

Product data – type SIRIO SL 40W/200-700 1-10V

Rated input current	: 0,19-0,21A
Rated input power	: 46 W
Output current	: 0,2-0,7A
Output voltage	: 23-77 Vdc
Uout	: 90 V
Output power	: 40 W

Product data – type SIRIO SL 40W/300-1000 1-10V

Rated input current	: 0,19-0,21A
Rated input power	: 46 W
Output current	: 0,3-1,05A
Output voltage	: 20-54 Vdc
Uout	: 60 V
Output power	: 40 W

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 614111600.

Additional information

The insulation between primary and secondary is considered as reinforced insulation

- Constant current type
- Thermal protected

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 6141116.50.

Conclusion

The examination proved that all requirements were met.

Factory locations

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