

CERTIFICATE

Issued to:
Applicant:
TCI Telecomunicazioni Italia S.r.l.
Via Parma, 14
21047 Saronno (VA), Italy

Licensee:
TCI Telecomunicazioni Italia S.r.l.
Via Parma, 14
21047 Saronno (VA), Italy

Product : Battery supplied electronic controlgear for emergency lighting
Trade name(s) : TCI, TCI (with little dragon), TCI LED, TCI LED (with little dragon),
TCI LIGHT (with little dragon and ball in square), TCI LIGHT Saronno Italy or
TN101
Type(s)/model(s) : ELED-DALI ** (*means any alphanumeric characters)

The product and any acceptable variation thereof as specified in the Annex to this certificate and the documents referred to therein.

DEKRA hereby declares that the above-mentioned product has been certified based on:

- a type test according to EN 61347-2-7:2012, EN 61347-2-7:2012/A1:2019, EN 61347-2-7:2012/A2:2022, EN 61347-1:2015 and EN 61347-1:2015/A1:2021
- 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.

Compliance with the requirements of this Standard carries a presumption of conformity with the essential safety requirements of the Low voltage directive (LVD) 2014/35/EU.

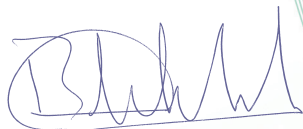
The ENEC certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the ENEC certification agreement.

This licence has been issued under the presumption and conditional on the fact that the licensee holds all necessary legal rights with regard to the product presented for testing and certification.

This certificate is issued on 25 February 2026 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 81-172183

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



Rosa Zhou
Certification Manager

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DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Battery supplied electronic controlgear for emergency lighting
Trade name(s)	: TCI, TCI (with little dragon), TCI LED, TCI LED (with little dragon), TCI LIGHT (with little dragon and ball in square), TCI LIGHT Saronno Italy or TN101
Type(s)/model(s)	: ELED-DALI ** (*means any alphanumeric characters)
Primary voltage	: 220-240 V
Nature of supply	: alternate current
Rated frequency	: 50/60 Hz
Primary current	: 0,027 A
Type of load	: LED modules, power LED
Battery	: LiFePO4
Classification	: Built in

TESTS**Test requirements**

EN 61347-2-7:2012
EN 61347-2-7:2012/A1:2019
EN 61347-2-7:2012/A2:2022
EN 61347-1:2015
EN 61347-1:2015/A1:2021

Test result

The test results are documented in DEKRA test file 351015300.

Additional information

Above statement reflects the information shown in the Summary of Testing, document reference No. 3510153.171EU, on which this Certificate is based.

For specific Model/Type electrical rating refer to following pages.

The list of components is laid down in test report 3510153.171.

Conclusion

The examination has confirmed that all requirements were met.

Factory location

TCI Telecomunicazioni Italia S.r.l.
Via Parma, 14
21047 Saronno (VA), Italy

General product information and other remarks:	
The devices are battery supplied controlgears used for emergency lighting; all models are for maintained operation with external driver or non-maintained operation; external driver can be supplied by L1, LT; the output of external driver is connected to POWER IN terminals.	
Primary voltage	220-240 V
Nature of supply	Alternate current
Rated frequency	50/60 Hz
Types of load	LED Modules
Type of thermal protection	None

Type	POWER IN	ta (°C)	tc (°C)	lin (A)	Output	Uout (V) [1]	Battery type	Time duration [2]
ELED-DALI 3W 12-55V 1H BI (K8084)	2 A 60 V	5...50	65	0,027	3 W 12-55 V	60	3,2 V 3,2 Ah LiFePO4	1 h
ELED-DALI 3W 12-55V 3H BI (K8085)							3,2 V 4,8 Ah LiFePO4	3 h
ELED-DALI 3W 20-105V 1H BI (K8086)	2 A 120 V	5...50	65	0,027	3 W 20-105 V	120	3,2 V 3,2 Ah LiFePO4	1 h
ELED-DALI 3W 20-105V 3H BI (K8087)							3,2 V 4,8 Ah LiFePO4	3 h
ELED-DALI 3W 100-220V 1H BI (K8088)	2 A 350 V	5...50	65	0,027	3 W 100-300 V	350	3,2 V 3,2 Ah LiFePO4	1 h
ELED-DALI 3W 100-220V 3H BI (K8089)							3,2 V 4,8 Ah LiFePO4	3 h

Notes: The Kxxxx code can replace the type reference; [1] – Both in normal and in emergency mode. [2] – Only with the following batteries and after 24 h recharge.

Battery type Supplier	technology	Cell no. (s=series p=parallel)	Vnom [V]	Typ. capacity [Ah]	Discharge [mA]	ta [°C]
275902 or 275910 elubat	LiFePO4	2p	3,2	3,2	1920	0...50
275909 or 275913 elubat	LiFePO4	3p	3,2	4,8	1200	0...50

Connections		
Input charge	N, L	Screw-less terminal 0,5-1,5 mm ²
Supply connection	L1, LT	Screw-less terminal 0,5-1,5 mm ²
Control	DA, DA	Screw-less terminal 0,5-1,5 mm ²
Power IN	Power IN +/-	Screw-less terminal 0,5-1,5 mm ²
Battery	Battery red/black	Connection device
Signal LED	Signal LED black/green/red	Connection device

LED connection	LED OUT +/-	Screw-less terminal 0,5-1,5 mm ²
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Additional information	
All models fulfil the requirements for: impulse withstand category II; Pollution degree 2; Material group IIIa; recharging device with self-resetting protection; suitable for normally flammable surface. Heating tests have been performed only with the selected battery types. Additional functions: auto-test.	
INSULATION (B= basic, S= supplementary, R= double or reinforced) between:	
L, N ↔ L1, LT	B
Terminals ↔ external of SIGNAL LED that can come in contact with the luminaire body when incorporated	B
L, N ↔ DA, DA	B
Active parts DA, DA ↔ sides of the enclosure that can come in contact with the luminaire body when incorporated	S
L, N, L1, LT ↔ SIGNAL LED, Battery for SELV models	B
L, N, L1, LT ↔ POWER IN, LED OUT for SELV models	R
Assessment to EN 62493:2015, EN 62493:2022 has been performed.	