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	:	Electronic control gear for LED modules
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)	:	MAXI JOLLY ** 70 ** (* 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 61347-2-13:2014, 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.

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 certificate is issued on 16 October 2025 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 81-140661 REV.1

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

Kate Xu
Certification Manager

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ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL

PRODUCTS
RvA C 001

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	Electronic control gear for LED modules
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)	:	MAXI JOLLY ** 70 ** (* means any alphanumeric characters)
Primary voltage	:	110-127 V, 220-240 V for a.c. supply, 189-250 V for d.c. supply
Rated frequency	:	50/60 Hz, 0 Hz
Primary current	:	From 0,4 to 0,59 A for a.c. supply, 0,43 A for d.c. supply
Secondary current	:	From 0,3 to 1,4 A
Secondary power	:	From 0,9 to 70 W
Type of load	:	LED modules, power LED
Classification	:	Indipendent, Built in

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 documented in DEKRA test file 351015300.

Additional information

Above statement, reflects the information shown in the Summary of Testing, document reference No. 3510153.240EU, on which this Certificate is based.

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

This certificate replaces certificate No. 81-140661 which we hereby declare invalid.

The list of components is laid down in test report 3510153.240.

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:

The devices are controlgears for LED modules with SELV stabilized output current (CC) depending on the selection of the S100 DIP switch or NFC programming. Dimming features are detailed in the technical specification.

Type/s	Supply voltage (V) [1]	Supply current (A)	Power factor	Rated power (W)	Output current (A)	Uout d.c. (V)	ta (°C)	tc (°C)	Use [2]
MAXI JOLLY SV 70 EASY DALI (K2J12)	220-240 110-127 *176-275	0,4 0,59 *0,43	0,44 C-0,98 (0,93 C@Po≥30W) 0,71 C-0,99 (0,9 C@Po≥8W)	2,1-70 2,1-50 *2,1-70	0,65-1,4	59	-25…45 -25…40•	85	II, 110, DNC•
MAXI JOLLY SV 70 EASY DALI 142104ASN							-25…40		II, 110, DNC
MAXI JOLLY SV 70 DALI NFC (K2J13)			0,3 C-0,98 (0,93 C@Po≥30W) 0,55 C-0,99 (0,9 C@Po≥8W)	0,9-70 0,9-50 *0,9-70	0,3-1,4		-25…45 -25…40•		II, 110, DNC•
MAXI JOLLY SV 70 DALI NFC 142100ASN							-25…40		II, 110, DNC
MAXI JOLLY SV 70 DALI NFC BI (K2J14)							-25…50		DI, 110
MAXI JOLLY 70 EASY DALI (K2J67)	220-240 110-127 *176-275	0,4 0,59 *0,43	0,35 C-0,98 (0,94 C@Po≥30W) 0,73 C-0,99 (0,9 C@Po≥8W)	1,4-70 1,4-50 1,4-70	0,3-1,05	85	-25…45	75	II, 110, DNC
MAXI JOLLY 70 DALI NFC (K2J68)			0,33 C-0,98 (0,94 C@Po≥30W) 0,63 C-0,99 (0,9 C@Po≥8W)	1,05-70 1,05-50 1,05-70	0,3-1,2		-25…45		II, 110, DNC
MAXI JOLLY 70 DALI NFC BI (K2J69)							-25…50		DI, 110

Notes: The Kxxxx code can replace the type reference. [1] – a.c. at 50/60 Hz; *d.c. supply, see additional information for rated/operative range. [2] – II=independent IP20 class II; 110= overheating protection (C.5.a type); DNC=do not cover (AS 61347.1).

Connections		
Supply	PRI (L, N)	Terminal 0,5…2,5 mm² for built-in models Terminal 0,75…2,5 mm² for independent models
External control	DA/Ls, DA/N	Terminal 0,5…2,5 mm² for built-in models Terminal 0,75…2,5 mm² for independent models
Output reference	PR	Terminal 0,5…2,5 mm² for built-in models Terminal 0,75…2,5 mm² for independent models
Local control	ADIM +/-	Terminal 0,5…1,5 mm² for built-in models Terminal 0,75…1,5 mm² for independent models
Auxiliary	NTC, 12Vaux	Terminal 0,5…1,5 mm²
SYNC	Master, Slave	Connector
Output load	SEC +/-	Terminal 0,5…1,5 mm²

Additional information	
Use	Independent or built-in controlgear for ordinary luminaire, up to 2000 m above sea level.
Features	For LED; stabilized output current; multiple value load; short-circuit proof type; impulse withstand category II; Pollution degree 2; Material group IIIa; thermal protection protection (C.5.a); The material of enclosure was tested with favourable result for Glow-wire at temperature 650-960 °C. Total circuit power: 76 W.

DC operation	Models suitable for d.c. operation (EL symbol) have been tested in the rated supply range 196-250 V for the specific use in centralized emergency installations (extended range 176-275 V), not intended for use in luminaires for high-risk task area lighting; assessment to EN IEC 60598-2-22:2022 used in conjunction with EN IEC 60598-1:2021 has been performed for independent models (for built-in models only Clauses 22.7.2, 22.7.3, 22.19 and Annex 2 have been assessed).

The creepage distances, clearances and connections of control gears in the final application shall be according to IEC/EN 60598-1 or national deviations of the country where installed:

INSULATION (B= basic, S= supplementary, R= double or reinforced)	Independent models	BI model
active parts ↔ touchable parts	R	-
active parts ↔ lateral/bottom surface of enclosure	R	R
PRI ↔ SEC, NTC, 12Vaux, ADIM +/-, SYNC; PRI ↔ PR; DA ↔ SEC, NTC, 12Vaux, ADIM +/-, SYNC	R	
PRI ↔ DA	B	
PR ↔ SEC, NTC, 12Vaux, ADIM +/-, SYNC	B	
DA ↔ PR	S	

Assessment to EN IEC 60598-2-22:2022 used in conjunction with EN IEC 60598-1:2021 has been performed.

Assessment to EN 62493:2015, EN 62493/A1:2022 has been performed.

Assessment to normally flammable surfaces according to EN IEC 60598-1:2021 has been performed (max. tc=75°C for MAXI JOLLY SV 70 EASY DALI, MAXI JOLLY SV 70 DALI NFC, MAXI JOLLY SV 70 DALI NFC BI).

Assessment to EN IEC 62442-3:2022 has been performed.