

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 controlgear 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) : MPE ***** SLIM (*means any alphanumeric characters)

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

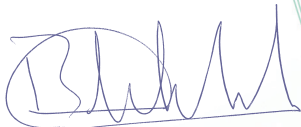
DEKRA hereby grants the right to use the ENEC certification mark.

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 7 February 2024 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 81-130298 REV.1

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



Miranda Zhou
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Electronic controlgear 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)	: MPE ***** SLIM (*means any alphanumeric characters)
Primary voltage	: 220-240 V a.c.
Rated frequency	: 50-60 Hz
Primary current	: From 0,12 to 0,42 A
Secondary power	: From 10,8 to 84 W
Secondary current	: From 0,2 to 0,55 A
Type of load	: LED modules, power LED
Classification	: Independent

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 350964600.

Additional information

DEKRA test report No. 3509646.50 and 3509646.51 are laid down in DEKRA test file 350964600; they contain test results.

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

This certificate replaces certificate No. 81-130298 which we hereby declare invalid.

The list of components is laid down in test report 3509646.50.

Conclusion

The examination proved that all requirements were met.

Factory location

TCI Telecomunicazioni Italia S.r.l.
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21047 Saronno (Va), Italy

General product information: The devices are controlgears for LED modules. The devices have a stabilized output current.										
Type/s	Primary voltage	Primary Current (A) [1]	Power Factor	Output power (W)	Output current (A)	Uout (V)	t _a (°C)	t _c (°C)	Use [2]	
MPE 18/350 SLIM (K2J07)	220-240 V 50-60 Hz	0,12	0,95 (P _o >12 W)	10,8	0,2	200	-20...60	75	BI, 110	
				13,5	0,25					
					16,2	0,3				
					18,9	0,35				
MPE 42/350 SLIM (K2J08)		0,23	0,95 (P _o >17 W)	24	0,2	200	-20...60	80	BI, 110	
				30	0,25					
				36	0,3					
				42	0,35					
MPE 60/350 SLIM (K2J09)	0,31	0,95 (P _o >24 W)	35	0,2	250	-20...50	80	BI, 110		
			43,75	0,25						
				52,5	0,3					
				61,25	0,35					
MPE 75/550 SLIM (K2J10)	0,38	0,95 (P _o >34 W)	75,6	0,35	250	-20...50	85	BI, 110		
			74,8	0,4						
				75	0,5					
				74,8	0,55					
MPE 80/350 SLIM (K2J11)	0,42	0,95 (P _o >40 W)	54	0,2	300	-20...50	80	BI, 110		
			67,5	0,25						
				81	0,3					
				84	0,35					

Notes: The Kxxxx code can replace the type reference. [1] – Value at max. rated power. [2] – IND=Independent IP20; I=class I; II=class II; 110= The products have an overheating protection (C.5.e type), suitable for direct mounting on normally flammable surfaces.

Connections	
Connection to supply (PRI)	screwless terminal block 0,5...1,5 mm ²
Connection to load (SEC)	screwless terminal block 0,5...1,5 mm ²

Additional information	
Use	Built-in models for ordinary luminaire, up to 2000 m above sea level.
Features	For LED; stabilized output current (CC); multiple value load; short-circuit proof type; impulse withstand category II; Pollution degree 2; Material group IIIa. Total circuit power: 21 W for MPE 18/350 SLIM, 46 W for MPE 42/350 SLIM, 65 W for MPE 60/350 SLIM, 80 W for MPE 75/550 SLIM, 89 W for MPE 80/350 SLIM.
The creepage distances, clearances and connections of control gears in the final application shall be according to EN 60598-1 or national deviations of the country where installed:	
INSULATION (B= basic, S= supplementary, R= double or reinforced)	
Supply ↔ earth	B
Active parts ↔ accessible parts	B
All models are suitable for direct mounting on normally flammable surfaces according to EN IEC 60598-1:2021.	
Assessment to EN 62493:2015 and EN 62493:2015/A1:2022 has been performed.	
Assessment to EN IEC 62442-3:2022 has been performed.	