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)	:	DC MAXI JOLLY SVM ** (*means any alphanumeric characters), DC SVM ** (*means any alphanumeric characters), MP ** SVM ** (*means any alphanumeric characters) and SVM ** (*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 12 February 2026 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 81-131577 REV.2

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

Miranda Zhou
Certification Manager

ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL

PRODUCTS
RvA C 001

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

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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)	:	DC MAXI JOLLY SVM ** (*means any alphanumeric characters) , DC SVM ** (*means any alphanumeric characters), MP ** SVM ** (*means any alphanumeric characters) and SVM ** (*means any alphanumeric characters)
Primary voltage	:	110-277 V for a.c., 196-250 V for d.c.
Rated frequency	:	50-60 Hz or 50/60 Hz, 0 Hz
Primary current	:	From 0,22 to 0,72 A for a.c., 0,33 to 0,69 A for d.c.
Type of load	:	LED modules, power LED
Secondary current	:	From 0,3 to 2,1 A
Secondary power	:	From 1,5 to 110 W

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. 3510153.162EU-1, on which this Certificate is based.

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

This certificate replaces certificate No. 81-131577 REV.1 which we hereby declare invalid.

The list of components is laid down in test report 3510153.162.

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 intended to supply high power Light Emitting Diodes or LED modules. The devices have a constant output current, depending on the selection of the DIP switch (S1/S50) or NFC setting. The stabilized output is dimmable by DALI protocol or analogic dimming 1-10V or PUSH L or ADIM (local). All models have SELV output.

Types	Primary voltage (50-60 Hz) (V) [1]	Max. primary current (A)	Power Factor	Output Power (W) [2]	Output current (A) [2]	Uout (V)	t_a (°C)	t_c (°C) [3]	Use [4]
SVM 110 700-2100 D4i NFC (K2I76), SVM 110 700-2100 1-10V NFC (K2I78), SVM 110 700-2100 NFC (K2I80), SVM 110 700-2100 DALI NFC (K2J74)	220-240 176-275*	0,55 0,69*	0,85 C-0,99	110	0,7-2,1	60	-25..50	80	BI, 110
SVM 110 700-2100 D4i NFC OF (K2I77), SVM 110 700-2100 1-10V NFC OF (K2I79), SVM 110 700-2100 NFC OF (K2I81), SVM 110 700-2100 DALI NFC OF (K2J75)							-	80 (C7)	OF
SVM 85 700-2100 110-277V D4i NFC (K2I45), SVM 85 700-2100 110-277V 1-10V NFC (K2I82), SVM 85 700-2100 110-277V NFC (K2I84), SVM 85 700-2100 110-277V DALI NFC (K2J76)	110-120 220-240 176-275*	0,72 0,43 0,53*	0,85 C-0,99	70 85	0,7-1,4 0,7-2,1	60	-25..50	80	BI, 110
SVM 85 700-2100 110-277V D4i NFC OF (K2I46), SVM 85 700-2100 110-277V 1-10V NFC OF (K2I83), SVM 85 700-2100 110-277V NFC OF (K2I85), SVM 85 700-2100 110-277V DALI NFC OF (K2J77)							-	80 (C7)	OF
DC MAXI JOLLY SVM 80 DALI SLIM (K2C55, K2F97)	220-240 176-275*	0,42 0,5*	0,95 (Po>36 W)	78	0,35-1,4	60	-25..55	75	BI, 110, CR
DC MAXI JOLLY SVM 80 SLIM (K2C57, K2F98)									
MP 80/1400 SVM SLIM (K2C59)									
DC MAXI JOLLY SVM 80 DALI SLIM OF (K2C56)							-	80 (C14)	OF
DC MAXI JOLLY SVM 80 SLIM OF (K2C58)									
MP 80/1400 SVM SLIM OF (K2C60)									
MP 70/1400 SVM SLIM (K2C67)	220-240 176-275*	0,42 0,5*	0,95 (Po>35 W)	70	0,35-1,4	59	-25..50	80	BI, 110, CR
MP 70/1400 SVM SLIM OF (K2C68)							-	80 (C27)	OF

DC MAXI JOLLY SVM 65 DALI SLIM (K2C61, K2F100)	110-127 220-240 277	0,47 0,33 0,27	0,95 (Po>7,5 W) 0,95 (Po>32,5 W) 0,95 (Po>42,5 W)	45 65 65	0,35-1,4	60	-25..55	75	BI, 110, CR
DC MAXI JOLLY SVM 65 SLIM (K2C63, K2F101)	176-275*	0,41*							
MP 65/1400 SVM SLIM (K2C65)									
DC MAXI JOLLY SVM 65 DALI SLIM OF (K2C62)							-	80 (C14)	OF
DC MAXI JOLLY SVM 65 SLIM OF (K2C64)									
MP 65/1400 SVM SLIM OF (K2C66)									
MP 65/1150 SVM SLIM (K2F99)	220-240 176-275*	0,4 0,41*	0,95 (Po>27 W)	65	0,35-1,15	59	-25..50	80	BI, 110, CR
MP 65/1150 SVM SLIM OF (K2F102)							-	80 (C27)	OF
DC SVM 52/300-1400 DALI NFC (K2I47)	220-240 176-275*	0,27 0,33*	0,9 C (Po>18 W)	52	0,3-1,4	60	-25..50	80	BI, 110
DC SVM 52/300-1400 NFC (K2I49)							-25..50	80	BI, 110
DC SVM 52/300-1400 DALI NFC OF (K2I48), DC SVM 52/300-1400 NFC OF (K2I50)							-	80 (C15)	OF
SVM 52 300-1400 110-277V 1-10V NFC (K2J70)	110-240 176-275*	0,27-0,6 0,33*	0,35 C-0,99 (0,9 C@Po≥25 W)	1,5-52	0,3-1,4	60	-25..50	80	BI, 110
SVM 52 300-1400 110-277V 1-10V NFC OF (K2J71)							-	80 (C14)	OF
Notes: The Kxxxx code can replace the type reference. [1] – Rated value for AC range, 50-60 Hz or 50/60 Hz; 277 V only for DC MAXI JOLLY SVM 65 DALI SLIM, DC MAXI JOLLY SVM 65 SLIM, MP 65/1400 SVM SLIM models. 176-275* is the operative d.c. range; they can be used for centralized emergency installations in the rated 196-250 V. [2] – Different values according to DIP switch selection (see marking). [3] – t_c for OF version is measured on the cap of C7/C14/C15/C27 capacitor. [4] – 110= the products have an overheating protection (C.5.a) and comply with temperature limit of EN 60598-1; CR=independent with cable retainer; BI=built-in; OF=built-in without enclosure.									

Connections		
Input supply	PRI, L, N	screwless terminal block 0,2-1,5 mm²
Input for dimming (if present)	PUSH L, DA/DA, DA1/DA2	screwless terminal block 0,2-1,5 mm²
Input for thermal protection (if present)	NTC, S. GND	screwless terminal block 0,2-0,5 mm²
1-10 V dimming	1-10 V	screwless terminal 0,2-1,5 mm²
Input for local control 0/1-10 V (if present)	ADIM +/-	screwless terminal block 0,2-0,5 mm²
Output load	SEC +/-	screwless terminal block 0,2-0,5 mm² for DC MAXI JOLLY SVM DALI SLIM models screwless terminal block 0,2-1,5 mm² for other models

Additional information	
Use	Independent, built-in for ordinary luminaire, up to 2000 m above sea level.

Features	All models have the following features: for LED; stabilized output current (CC); multiple value load; short-circuit proof type; impulse withstand category II; Pollution degree 2; Material group IIIa. ADIM control is light regulation 0/1-100 % by means of local 0/1-10 V interface (I=0,35 mA) or 100 Kohm potentiometer. All models with enclosure are suitable for direct mounting on normally flammable surfaces. D4i models: AOC (Adjustable Output Current), CLO (CONSTANT LUMEN OUTPUT 20 step). 1-10V NFC models: the current characteristic Vctrl / Iout is adjustable with SW tool via NFC. The independent use is possible with cable retainer (not for NFC models) or LINEAR BOX (auxiliary IP67 enclosure). Total circuit power: 122 W for SVM 110 700-2100 models, 94 W for SVM 85 700-2100 110-277V models, 85 W for DC MAXI JOLLY SVM 80 and MP 80/1400 models, 78 W for MP 70/1400 SVM SLIM models, 71 W for DC MAXI JOLLY SVM 65, MP 65/1400, MP 65/1150 SVM SLIM models, 58 W for DC SVM 52/300-1400 NCF models; 57 W for DC SVM 52/300-1400 models.
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); assessment to IEC 60598-2-22:2021 used in conjunction with 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). Emergency level can be setted for D4i models (default output current 15%).

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 in the final application.

INSULATION (B= basic, S= supplementary, R= double or reinforced):

PRI, PUSH L ↔ DA; PRI, PUSH L ↔ PE; SEC ↔ PE	B
PRI ↔ SEC; PRI ↔ NTC, S.GND, ADIM; PRI ↔ D4i; PRI ↔ 1-10V	R
1-10V↔ SEC for SVM 52 300-1400 110-277V 1-10V NFC	R
1-10V↔ SEC for other models; D4i ↔ SEC; DA ↔ SEC for other models	S
Active parts ↔ the enclosure	B

Assessment to EN 62493:2015, EN 62493:2022 has been performed.
Assessment to EN IEC 62442-3:2022 has been performed.