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)	:	MILANOinTRACK ** (*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 61347-1:2015, EN 61347-1:2015/A1:2021, EN 61347-2-13:2014, EN 61347-2-13:2014/A1:2017 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 11 June 2025 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 81-159067

DEKRA Certification B.V.

B.T.M. Holtus
Managing Director

Kate Xu
Certification Manager

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DUTCH ACCREDITATION
COUNCIL

PRODUCTS
RvA C 001

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)	:	MILANOinTRACK ** (*means any alphanumeric characters)
Primary voltage	:	220-240 V
Rated frequency	:	50-60 Hz
Primary current	:	From 0,06 to 0,22 A
Secondary current	:	From 0,09 to 1,05 A
Secondary power	:	From 0,75 to 44,1 W
Classification	:	Built in with track adaptor
Type of load	:	LED modules, power LED

TESTS

Test requirements

EN 61347-1:2015
EN 61347-1:2015/A1:2021
EN 61347-2-13:2014
EN 61347-2-13:2014/A1:2017
EN IEC 62384:2020

Test result

The test results are documented in DEKRA test file 350964600.

Additional information

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

DEKRA test report No. 3509646.130 and 3509646.131 are laid down in DEKRA test file 350964600; they contain test results.

This certificate replaces certificates No. 81-133689 which we hereby declare invalid.

This certificate replaces certificate No. 81-125326 REV.3 which we hereby declare invalid.

The list of components is laid down in test report 3509646.130.

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 intended to supply high power Light Emitting Diodes or LED modules from mains at 220-240 V 50-60 Hz. The stabilized output of DALI models depends on the DALI programming and is dimmable through the DALI signal; CASAMBI models are dimmable by CASAMBI wireless network. PRI current is proportional to the output power by the setting of DIP switch or current programming.

Type/s	Input current [A]	Power factor	Output P_{rated} (W)	Output current (A)	Uout d.c. (V)	ta (°C)	tc (°C)	Use [4]
MILANOinTRACK 10/90-240	0,06	0,55 C-0,96 (0,93 C@ Po≥8 W)	2,7-10,1	0,09-0,24	59	-20...35	50	110, Fmax, DI
MILANOinTRACK 15/250-350	0,08	0,88 C-0,97 (0,95@ Po≥10 W)	7,5-14,7	0,25-0,35	59	-20...35	50	110, Fmax, DI
MILANOinTRACK 20/250-500	0,11	0,7 C-0,97 (0,9 C@ Po≥10 W)	2,5-20	0,25-0,5	59	0...35	75	110, Fmax, DI
MILANOinTRACK 21/350-500	0,11	0,88 C-0,97 (0,95@ Po≥18 W)	10,5-21	0,35-0,5	59	-20...35	60	110, Fmax, DI
MILANOinTRACK 30/550-750	0,16	0,9 C-0,95	11-30	0,55-0,75	59	0...35	80	110, Fmax, DI
MILANOinTRACK 31/550-750	0,17	0,92 C- 0,97 (0,95@ Po≥22 W)	16,5-31,5	0,55-0,75	59	-20...35	70	110, Fmax, DI
MILANOinTRACK 31/200-700	0,17	0,5 C- 0,98 (0,9 C@ Po≥8,8W)	1-31	0,2-0,7	59	0...35	80	110, Fmax, DI
MILANOinTRACK 31/325-700 BLL, MILANOinTRACK 31/325-700 BLL PIR, MILANOinTRACK 31/325-700 DALI, MILANOinTRACK 31/325-700 CASAMBI		0,85 C- 0,98 (0,9 C@ Po≥8,8W)	6,5-31	0,325-0,7				
MILANOinTRACK 40/675-1050, MILANOinTRACK 40/675-1050 DALI	0,22	0,7 C-0,99 (0,9 C@ Po≥12)	3,4-40	0,675-1,05	59	0...35	85	110, Fmax, DI
MILANOinTRACK 40/300-1050, MILANOinTRACK 40/300-1050 DALI		0,47 C-0,99 (0,95@ Po≥13,7 W)	1,5-40	0,3-1,05				
MILANOinTRACK 40/300-1050 CASAMBI		0,6 C-0,99 (0,95@ Po≥13,7 W)	2,5-40	0,3-1,05				
MILANOinTRACK 40/850-1050		0,88 C-0,98	17-40	0,85-1,05				
MILANOinTRACK 40 300-1050 DALI VLC	0,22	0,55 C-0,99 (0,9 C@ Po≥9,2W)	1,5-40	0,3-1,05	59	5...35	85	110, Fmax, DI
MILANOinTRACK 40/300-1050 MINI EASY DALI	0,22	0,6 C-0,99 (0,95@ Po≥14 W)	1,5-40	0,3-1,05 (step 0,05)	59	0...35	85	110, Fmax, DI

MILANOinTRACK 40/150-1050 MINI DALI NFC		0,4 C-0,99 (0,95@ Po≥14 W)	0,75-40	0,15-1,05 (step 0,05)	59			
MILANOinTRACK 41/800-1050	0,22	0,95	24-44,1	0,8-1,05	59	-20...35	75	110, Fmax, DI
MILANOinTRACK 42/300-1050	0,21	0,37 C-0,99 (0,95@ Po≥14,5 W)	1,5-42	0,3-1,05	59	-20...35	80	110, Fmax, DI
Notes: [1] 110=triangle with the maximum temperature of enclosure, thermal protection (C.5.a); Fmax=50 N for track system; DI=built-in with double insulation (safety transformer with short circuit protection) and SELV output.								

Connection	Connection to supply (PRI) L, N	Connection to control (DALI) JP1, DA1, DA2	Connection to load (SEC) J2, JP2, JP40, JP50
MILANOinTRACK 31/325-700 DALI, MILANOinTRACK 40/675-1050 DALI, MILANOinTRACK 40/300-1050 DALI, MILANOinTRACK 40 300-1050 DALI VLC	Track adaptor	Track adaptor	Screw-less terminal 0,2-0,5 mm²
MILANOinTRACK 40/675-1050, MILANOinTRACK 31/325-700 BLL, MILANOinTRACK 31/325-700 BLL PIR, MILANOinTRACK 31/325-700 CASAMBI, MILANOinTRACK 40/300-1050 CASAMBI, MILANOinTRACK 10/90-240, MILANOinTRACK 15/250-350, MILANOinTRACK 21/350-500, MILANOinTRACK 31/550-750, MILANOinTRACK 41/800-1050, MILANOinTRACK 40/300-1050	Track adaptor	N/A	Screw-less terminal 0,2-0,5 mm²
MILANOinTRACK 31/200-700	Track adaptor	N/A	Screw-less terminal 0,2-0,75 mm² smd
MILANOinTRACK 20/250-500, MILANOinTRACK 30/550-750, MILANOinTRACK 40/850-1050	Track adaptor	N/A	Screw-less terminal 0,2-1,5 mm²
MILANOinTRACK 40/300-1050 MINI EASY DALI, MILANOinTRACK 40/150-1050 MINI DALI NFC	Track adaptor	Track adaptor	Screw-less terminal 0,2-1,5 mm²
MILANOinTRACK 42/300-1050	Track adaptor	N/A	Screw-less terminal 0,2-1,5 mm²

Additional information	
Use	Built-in for track systems; 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; the material of enclosure was tested with favourable result for Glow-wire at temperature 750-960 °C; the device is inseparable and it can be class II in accordance with the provisions of section two of EN 60598-1 provided the track system contains no earthing facilities. Total circuit power: 11,6 W for MILANOinTRACK 10/90-240, 16,6 W for MILANOinTRACK 15/250-350; 22,8 W for MILANOinTRACK 20/250-500; 23 W for MILANOinTRACK 21/350-500; 33,8 W for MILANOinTRACK 30/550-750; 35W for MILANOinTRACK 31/200-700, MILANOinTRACK BLL models, MILANOinTRACK 31/325-700 CASAMBI, MILANOinTRACK 31/325-700 DALI, MILANOinTRACK 31/550-750; 45 W for MILANOinTRACK 40/850-1050, MILANOinTRACK 40/675-1050 DALI, MILANOinTRACK 40/300-1050 CASAMBI, MILANOinTRACK 40/300-1050, MILANOinTRACK 40/300-1050 DALI, MILANOinTRACK 40/300-1050 EASY DALI, MILANOinTRACK 40/150-1050 MINI DALI NFC; 46 W for MILANOinTRACK 40/675-1050; 46 W MILANOinTRACK 40 300-1050 DALI VLC; 47 W MILANOinTRACK 42/300-1050; 49 W for MILANOinTRACK 41/800-1050.
INSULATION (B= basic, S= supplementary, R= double or reinforced)	

PRI ↔ DALI, PRI ↔ SEC, active parts ↔ external surfaces of enclosure	R
DALI ↔ SEC for MILANOinTRACK 40/300-1050 MINI EASY DALI, MILANOinTRACK 40/150-1050 MINI DALI NFC	R
DALI ↔ SEC for other DALI models	S

The conformity with the standards EN 60570:2003, EN 60570:2003/A1:2018, EN 60570:2003/A2:2020 used in conjunction with EN IEC 60598-1:2021, EN IEC 60598-1:2021/A11:2022 is valid if the adaptor is installed in the following lighting track systems:

- Global Trac PRO or Global Trac PULSE with Nordic Aluminium brand for MILANOinTRACK 10/90-240, MILANOinTRACK 15/250-350, MILANOinTRACK 21/350-500, MILANOinTRACK 31/550-750, MILANOinTRACK 40/800-1050, MILANOinTRACK 20/250-500, MILANOinTRACK 30/550-750, MILANOinTRACK 40/850-1050, MILANOinTRACK 42/300-1050.
- Global Trac GA016-Pro with Nordic Aluminium brand for MILANOinTRACK 40 300-1050 DALI VLC
- System 9000 series with A.A.G. STUCCHI or ONETRACK brand for MILANOinTRACK 42/300-1050, MILANOinTRACK 40 300-1050 DALI VLC and all other models.
- P289, P290, P291, P292 (ceiling, suspension, wall) and P293, P294, P295, P296 (ceiling recessed, wall recessed) with iGuzzini Illuminazione S.p.A. brand for MILANOinTRACK 40/300-1050 DALI, MILANOinTRACK 40/300-1050 CASAMBI.

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

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