

CB TEST CERTIFICATE

CERTIFICAT D'ESSAI OC

Product Produit	Electronic controlgear for Light Emitting Diodes
Name and address of the Applicant Nom et adresse du demandeur	TCI Telecomunicazioni Italia S.r.l. Via Parma 14 21047 Saronno (VA) Italy
Name and address of the manufacturer Nom et adresse du fabricant	TCI Telecomunicazioni Italia S.r.l. Via Parma 14 21047 Saronno (VA) Italy
Name and address of the factory Nom et adresse de l'usine	TCI Telecomunicazioni Italia S.r.l. Via Parma 14 21047 Saronno (VA) Italy
Rating and principal characteristics Valeurs nominales et caractéristiques principales	Input: 100-240 V, 50/60 Hz, max. 0,55 A, $\lambda = 0,95$ Output: 25-60 W; 250-1050 mA (Vomax=119 Vdc) according to the DIP switch position
Trademark (if any) Marque de fabrique (si elle existe)	TCI or TN101
Type of manufacturer's Testing Laboratories used Type de programme de laboratoire d'essais constructeur	CTF Stage 3
Model / Type Ref. Réf. de type	DC MAXI JOLLY HV (series), DC MAXI JOLLY SLIM (series), MP 60 SLIM (series)
Additional information (if necessary may also be reported on page 2) Les informations complémentaires (si nécessaire, peuvent être indiquées sur la 2ème page)	See Annex 1 for complete model/type reference
A sample of product was tested and found to be in conformity with IEC Un échantillon de ce produit a été essayé et été considéré conforme à la CEI	61347-1(ed.2);am1;am2 61347-2-13(ed.2)
As shown in the test report Ref. No. which forms part of this certificate Comme indiqué dans le rapport d'essais numéro de référence qui constitue partie de ce certificat	2102435.50

This CB Test Certificate is issued by the National Certification Body:

Ce Certificat d'essai OC est établi par l'Organisme National de Certification

DEKRA Certification B.V.
Meander 1051, 6825 MJ
Arnhem
The Netherlands

Date: 2015-02-16

Signature: M. Triulzi



General product information:

The devices are electronic controlgears for LED modules. The devices have a stabilized output current or voltage with values depending on the selection of the DIP switch. The DIP switch options are detailed both in the technical specification and in the labels. The stabilized output can be reduced by NTC control signal (if present) in case of overheating on the LED module. Dimming features are detailed in the technical specification: PUSH L, 1-10V, MIDNIGHT, BILEVEL, BILEVEL N, PLV and DALI. The SYNC port can synchronize other devices as master/slave configuration. Different independent enclosures are used for TCM (twin cap enclosure) models. S. GND and 12Vaux (if present) can provide up to 100 mA to an external fan.

Types	Primary voltage (50/60 Hz)	Max. primary current	Power Factor	Primary DC voltage (0 Hz)	Output Power (W)	Secondary Parameter (A)	V _{oma} x (V)	t _a (°C)	t _c (°C)	Class (IP grade)	Classification	Thermal Protection	Protection type
DC MAXI JOLLY HV or K2402	220-240 V 110-127 V	0,26 A 0,43 A	0,95 [1]	176-280 V [2]	30-50 [3]	0,25 - 0,7 [3]	119 [4]	-25..45/50 [3]	70 [3]	II (IP20)	Independent SELV output	130 °C [5]	C.5.a
DC MAXI JOLLY HV DALI or K2403													
DC MAXI JOLLY HV MIDNIGHT or K2404													
DC MAXI JOLLY HV BILEVEL or K2405													
DC MAXI JOLLY HV BILEVEL N or K2406													
DC MAXI JOLLY HV PLV or K2407													
DC MAXI JOLLY HV TCM or K2420													
DC MAXI JOLLY HV DALI TCM or K2421													
DC MAXI JOLLY HV MIDNIGHT TCM or K2422													
DC MAXI JOLLY HV BILEVEL TCM or K2423													
DC MAXI JOLLY HV BILEVEL N TCM or K2424	220-240 V 110-127 V	0,31 A 0,43 A	0,95 [1]	176-280 V [2]	30-60 [3]	0,25-0,7 [3]	119 [4]	-25..45 [3]	75/80 [3]	-	Built-in SELV output	130 °C [5]	C.5.a
DC MAXI JOLLY HV PLV TCM or K2425													
DC MAXI JOLLY HV BI or K2408													
DC MAXI JOLLY HV DALI BI or K2409													
DC MAXI JOLLY HV MIDNIGHT BI or K2410													
DC MAXI JOLLY HV BILEVEL BI or K2411													
DC MAXI JOLLY HV BILEVEL N BI or K2412													
DC MAXI JOLLY HV PLV BI or K2413													
DC MAXI JOLLY SLIM HV or K2472													
DC MAXI JOLLY SLIM HV DALI or K2473													
MP 60 SLIM HV or K2474													
DC MAXI JOLLY SLIM or K2475													
DC MAXI JOLLY SLIM DALI or K2476													
MP 60 SLIM or K2477													

ANNEX 1

CB TEST CERTIFICATE

Ref. Certificate No. NL-34868

Notes: [1] – Rated value at P>25 W. [2] – The products were tested in this operative range and they can be used for centralized emergency installations (EN 50171 and EN 50172); I_{max}=0,38 A (SLIM models), 0,32 A (other models). DC can't be used for PUSH L/RED ON/OFF/ OPERATION features. [3] – Different values according to DIP switch selection (see label). [4] – 58 Vdc limitation; S50/1=ON. [5] – The products have an overheating protection and comply with temperature limit of clause 4.16.2 of EN 60598-1:04 ("F" triangle marking); EN 60598-1:2008, EN 60598-1/A11:2009.