

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product	Electronic controlgear for LED modules
Name and address of the Applicant	TCI Telecomunicazioni Italia S.r.l. Via Parma 14 21047 Saronno (VA) Italy
Name and address of the manufacturer	TCI Telecomunicazioni Italia S.r.l. Via Parma 14 21047 Saronno (VA) Italy
Name and address of the factory	TCI Telecomunicazioni Italia S.r.l. Via Parma 14 21047 Saronno (VA) Italy
Rating and principal characteristics	Input: 100-240 V, 50/60 Hz, 0,07-0,22 A, $\lambda = 0,5-0,64$ C Output: stabilized current , 5,6-15 W; Vomax=44 Vdc
Trademark (if any)	TCI or TN101
Customer's Testing Facility (CTF) Stage used	CTF Stage 3
Model / Type Ref.	DCC (series), BMU (series), MP 15 (series), DCCH (series)
Additional information (if necessary may also be reported on page 2)	See Annex 1 for complete model/type reference
A sample of product was tested and found to be in conformity with IEC	IEC 61347-1:2015, IEC 61347-2-13:2014 Comments: This CB certificate replaces the Certificate No. NL-36258
National differences / Comments	EU Group Differences, EU Special National Conditions
As shown in the test report Ref. No. which forms part of this certificate	2102524.50

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

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



Date: 2016-11-02

Firmato digitalmente da  
Signature: M.Triulzi **MASSIMILIANO TRIULZI**

**General product information:** the devices are electronic SELV step-down controlgears, intended to supply high power Light Emitting Diodes or LED modules. The devices have a constant output current (secondary parameter) and for some models it can be selected by the DIP switch.

Type/s	Primary voltage [50/60 Hz] [1]	Max. primary current	Power Factor	Operative d.c. range (0 Hz) [2]	Output Power (W) [3]	Secondary Parameter (mA)	Vomax (V)	t <sub>a</sub> (°C)	t <sub>c</sub> (°C) [4]	Thermal Protection [5]	Class (IP grade)	Classification
DCC 10W 250mA/U S OF or K2225	100-240 V	0,12 A (220-240 V)	0,52-0,60 C	176-280 V I≤65 mA	10	250	44	-	80	-	-	Integral
DCC 10W 250mA/U S BI or K2226		0,19 A (100-127 V)						-25..50	75	100 °C		Built-in
DCC 10W 250mA/U S or K2227											II (IP20)	Independent
DCC 10W 250mA/U S IP54 or K2228												
DCC 15W 350mA/U S OF or K2179	100-240 V	0,15 A (220-240 V)	0,54-0,64 C	110 V (10 W) 176-280 V I≤110 mA	10 / 15	350	44	-	80	-	-	Integral
DCC 15W 350mA/U S BI or K2182		0,19 A (100-127 V)						-25..45	75	100 °C		Built-in
DCC 15W 350mA/U S or K2185											II (IP20)	Independent
DCC 15W 350mA/U S IP54 or K2188												
DCC 12W 500mA/U S OF or K2180	100-240 V	0,13 A (220-240 V)	0,54-0,64 C	176-280 V I≤82 mA	10 / 12	500	26	-	80	-	-	Integral
DCC 12W 500mA/U S BI or K2183		0,19 A (100-127 V)						-25..50	80	100 °C		Built-in
DCC 12W 500mA/U S or K2186											II (IP20)	Independent
DCC 12W 500mA/U S IP54 or K2189												
DCC 12W 700mA/U S OF or K2181	100-240 V	0,13 A (220-240 V)	0,54-0,64 C	176-280 V I≤82 mA	10 / 12	700	18	-	80	-	-	Integral
DCC 12W 700mA/U S BI or K2184		0,19 A (100-127 V)						-25..45	75	100 °C		Built-in
DCC 12W 700mA/U S or K2187											II (IP20)	Independent
DCC 12W 700mA/U S IP54 or K2190												
MP 15 OF or K2431	220-240 V	0,19 A	0,54 C	170-280 V I≤100 mA	15	60-360	44	-	80	-	-	Integral
MP 15 BI or K2432								-25..45	75	100 °C		Built-in
MP 15 or K2433	100-127 V		0,64 C		10						II (IP20)	Independent
DC 6W 200mA BMU OF or K2580	100-240 V	0,12 A	0,5-0,62 C	176-276 V I≤43 mA	6	200	36	-	80	-	-	Integral
DC 6W 200mA BMU or K2578								-25..60		100 °C		Built-in
DC 6W 210mA BMU OF or K2581						210						Integral
DC 6W 210mA BMU or K2579								-25..60		100 °C		Built-in
DC 12W 350mA BMU OF or K2191	100-240 V	0,22 A	0,54-0,64 C	176-276 V I≤82 mA	10 / 12	350	36	-	85	-	-	Integral
DC 12W 350mA BMU or K2194								-25..50	80	100 °C		Built-in
DC 12W 500mA BMU OF or K2192						500	25	-	85	-		Integral
DC 12W 500mA BMU or K2195								-25..50	80	100 °C		Built-in
DC 12W 700mA BMU OF or K2193						700	19	-	85	-		Integral
DC 12W 700mA BMU or K2196								-25..50	80	100 °C		Built-in

DCCH 12W OF or K2435	220-240 V	0,13 A	0,55 C	170-280 V ≤84 mA	10 / 12	250-350	44	-	80	-	-	Integral
DCCH 12W 250/350mA or K2436								-25..45/50	80	100 °C		Built-in
DCCH 7W OF or K2843	220-240 V	0,07-0,08 A	0,5 C	170-280 V ≤50 mA	5,6 / 7,2	140-180	44	-	80	-	-	Integral
DCCH 7W 140/180mA or K2842								-25..50	75	100 °C		Built-in

**Notes:** [1] – Rated value for AC range; [2] – Operative d.c. range according to IEC 61347-2-13:2014 in which the product can work; they can be used for centralized emergency installations (EN 50171 and EN 50172) in the rated 196-250 V. [3] – Different values according to DIP switch selection (see label). [4] –  $t_c$  for OF version is measured on the cap of  $C_2$  or  $C_{2A}$  capacitor. [5] – The products have an overheating protection (C.5.a type) and comply with temperature limit of clause 4.16.2 of IEC 60598-1:03 (“F” triangle marking), IEC 60598-1:2014; VDE 0710 T14 (“MM” triangle marking).