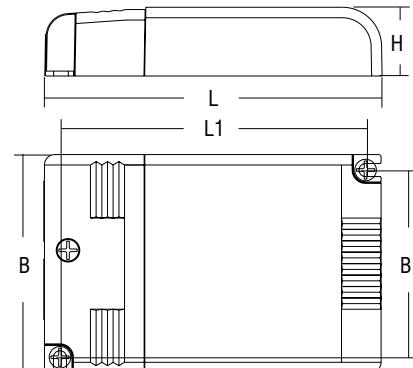
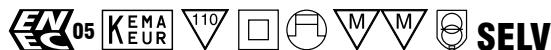


JOLLY 1...10 V & PUSH

TCI

Alimentatori elettronici multicorrente-multitensione regolabili in corrente continua per power LED e moduli LED
Direct current dimmable electronic drivers multivoltage-multicurrent for power LED and LED modules



Articolo Article	Codice Code	W	V out DC	I out DC	n° LED max. @ 230 V	ta °C	tc °C	λ max.	Dimensioni - Dimensions (mm)					Peso Weight gr.	Pezzi Pcs
									L	L1	B	B1	H		
Uscita in corrente costante - Constant current output															
DC JOLLY	122420	15	43 max.	350mA cost.	12	-25 +50	75	0,98	103	93,5	67	57,5	21	110	50
		22 (15*)	43 max.	500mA cost.	11/12										
		25 (15*)	36 max.	700mA cost.	9										
		9	10 cost.	900mA max.	-										
		10	12 cost.	900mA max.	-										
		20 (15*)	24 cost.	900mA max.	-										

Schema di collegamento a pagina 108 n° 15-16

Wiring diagram page 108 n° 15-16

Massima distanza LED a pagina 99
Max. LED distance at page 99

* potenza dichiarata a 110 V
declared power at 110 V

Articolo Article	L	Codice Code
Cavetto di sincronizzazione Synchronization cable	1,5 m	485720512
	4 m	485720513
	50 cm	485720515
	20 cm	485720516
CP 1...10 V (pag. 91)	123999L	
DCC DALI INTERFACE (pag. 81)	122099	
BMU DMX INTERFACE (pag. 82)	122066	

Norme di riferimento Reference Norms:

EN 50172 (VDE 0108)

EN 55015

EN 60598-2-22

EN 61000-3-2

EN 61347-1

EN 61347-2-13

EN 61547

EN 62384

VDE 0710-T14

Lampade Lamps:

Power LED

LED modules

Tensione Nominale Rated Voltage

110 ÷ 240 V

Frequenza Frequency

50...60 Hz

Tensione di utilizzo AC AC Operation range

100 ÷ 264 V

Tensione di utilizzo DC DC Operation range

176 ÷ 264 V

(NO PUSH mode function)

Potenza Power

0 ÷ 25 W

- Alimentatore indipendente IP20, per uso interno.
- Alimentatore multipotenza fornito di dip-switch per la selezione della corrente in uscita.
- PFC attivo.
- Regolazione della luminosità 0-100% mediante la funzione PUSH (tensione di rete L; 170 Kohm):
 - una pressione breve per accendere e spegnere;
 - una pressione prolungata per aumentare o diminuire l'intensità luminosa;
 - la regolazione si ferma automaticamente ai valori minimi e massimi;
 - per un nuovo comando accensione, regolazione o spegnimento, rilasciare il pulsante e dare nuovamente il comando desiderato.
- La lunghezza massima del cavo, dal pulsante all'ultimo trasformatore, deve essere max. 15 m. In caso di applicazioni dove il cavo superi i 15 m, tenere lo stesso separato dal cavo di rete 110-240 Volt.
- Cavetto per la sincronizzazione fornito separatamente.
- Max. 10 alimentatori sincronizzati, di cui uno solo comandato da uno o più punti (1Master + 9Slaves).
- ATTENZIONE: usare solo pulsanti di tipo normalmente aperto privi di spia luminosa incorporata.
- Regolazione della luminosità 0-100% mediante funzione PUSH, Interfaccia 1...10 V ($I=0,35$ mA) o potenziometro da 100 Kohm.
- Provvista di morsetto specifico per la regolazione, collegando un potenziometro elettronico 1...10 Vdc (o sorgente 1...10 Vdc isolamento doppio o rinforzato rispetto alla rete di alimentazione AC). Per dettagli regolazione vedi pagina 104-105.
- Protezione in classe II contro le scosse elettriche per contatti diretti e indiretti.
- Corrente regolata $\pm 5\%$ incluse variazioni di temperatura.
- Fornito di coprimoschetto e serracavo.
- Morsetti di entrata e uscita sullo stesso lato (sezione max. cavo = $1,5$ mm 2).
- Serracavo su primario e secondario per cavi di diametro: min. 3 mm - max. 8 mm.
- Fissaggio dell'alimentatore tramite asole per viti.
- Protezioni:
 - termica e cortocircuito;
 - contro le extra-tensioni di rete;
 - contro i sovraccarichi.
- Protezione termica = C.5.a.
- Possibilità di accensione e spegnimento sul secondario per LED alimentati in corrente (power LED).
- IP20 independent driver, for indoor use.
- Multi-power driver supplied with dip-switch for the selection of the output current.
- Active Power Factor Corrector.
- Light regulation 0-100% by means of PUSH function (L mains voltage: 170 Kohm):
 - a short push to turn on and off;
 - a longer push to increase or decrease light intensity;
 - regulation automatically stops at minimum and maximum values;
 - for another on, regulation or off command, release the push button and give the desired command again.
- Maximum length of the cable, from push button to last driver, must be max. 15 m. In case of applications where the cable is longer than 15 m, keep this separate from the 110-240 Volt mains cable.
- Synchronization cable is separately supplied.
- Max. 10 drivers synchronization, is possible command only one driver (1Master + 9Slaves).
- ATTENTION: only use normally open push buttons with no incorporated warning light.
- Light regulation 0-100% by means of PUSH function, 1...10 V interface ($I=0,35$ mA) or 100 Kohm potentiometer.
- Specific dimming terminal, connection with a 1...10 Vdc electronic potentiometer (or 1...10 Vdc source with double or reinforced insulation with respect to AC mains).
- For regulations see page 104-105.
- Class II protection against electric shock following direct or indirect contact.
- Current regulation $\pm 5\%$ including temperature variations.
- Supplied with terminal cover and cable retainer.
- Input and output terminal blocks on the same side (max. wire cross-section = $1,5$ mm 2).
- Clamping screws on primary and secondary circuits for cables with diameter: min. 3 mm - max. 8 mm.
- Driver can be secured with slot for screws.
- Protections:
 - against overheating and short circuits;
 - against mains voltage spikes;
 - against overloads.
- Thermal protection = C.5.a.
- Can be switched on and off on secondary circuit for power LED.



DC MAXI JOLLY

05 KEMA EUR M M SELV

1...10 V PFC constant VOLTAGE constant CURRENT RoHS CE

Output

- SELV insulation on output;
- Terminal block 1 x 0,5...2,5 mm²;
- Strain relief for cables with diameter Ø = 3...8 mm;
- Selection of current and voltage output through Dip switch (See table);
- Max output power and current precision @ 220÷240 Vac:
 - 25 W @ 350 mA ± 6 % (2...74 V);
 - 35 W @ 500 mA ± 5 % (2...72 V);
 - 50 W @ 700 mA ± 5 % (2...71 V);
 - 50 W @ 900 mA ± 5 % (2...55 V);
 - 50 W @ 1050 mA ± 5 % (2...48 V);
 - 50 W @ 1400 mA ± 5 % (2...35 V) not for continuous working;
 - 50 W @ 48 V ± 5 % (1050 mA max);
- Max. output voltage: 90 VDC;
- Efficiency @ full load: 0,91 %, DIM 50 % = 0,87 %;
- No load consumption: 1,6 W;
- 12 V isolated auxiliary output max. 50 mA.

Dimming

- PWM controlled by 1...10 V signal, 100 Kohm potenziometer or pushbutton;
- Terminal block on the secondary side for 1...10 V signal or potenziometer (max. source current 0,35 mA);
- Terminal block on primary side for push button; connection between phase and terminal block (impedance 170 Kohm);
- Header for other power supplier synchronization (1 MASTER + 9 SLAVES max);
- Terminal block for external NTC signal for load current reduction: trigger voltage 3V: Int Res. 18 K (see table);
- Selectable Softstart. To select the softstart function keep in shortcircuit PUSH terminal block with Phase terminal block at switch on. Repeat the same procedure to reset to normal operation.

Protections

- Against input overvoltages from mains (according to EN 61547);
- Against short circuit;
- Thermal and overload protection (C.5. for EN 61347-1).

EMI

- According to EN 55015.

Ambient

- ta = -25...50 °C;
- ta = -25...45 °C for 900 mA, 1050 mA;
- tc = 80 °C;
- tc life 50.000 h = 75 °C.

Safety

- Hi-pot test: 3,75 kV, 100% for 2 seconds.

Standards

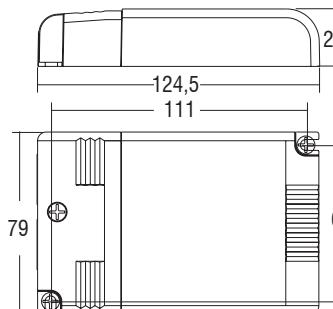
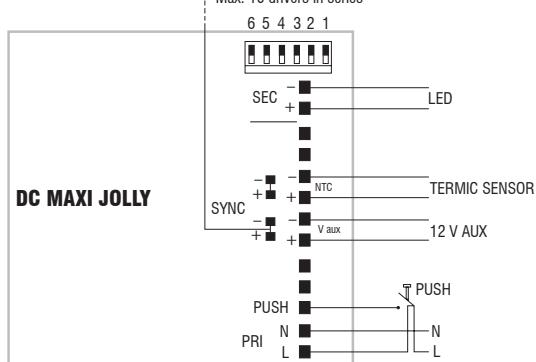
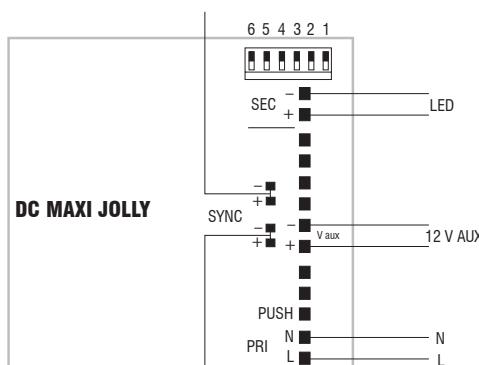
- EN 50172 (VDE 0108), EN 55015, EN 60598-2-22, EN 61000-3-2, EN 61347-1, EN 61347-2-13, EN 61547, EN 62384, VDE 0710-T14;
- ENEC 05, KEMA KEUR.

NTC Wert NTC value	Start Betriebstemperatur Start operation temperature (3V Req= 26Kohm)	Abschalttemperatur Total turn off temperature (2,2V Roff=15Kohm)
100 K	55°C	72°C
150 K	65°C	80°C
220 K	75°C	90°C

Externe NTC Tabelle siehe Spezifikation der NTC Hersteller.
External NTC Table. See NTC manufacturer datasheet.

Diagramm mit 1....10 V oder Potentiometer Diagram with 1...10 V or potentiometer

Diagramm für Tastdimmer
Diagram with push button



GARANTIE: Die Produkte haben 24 Monate Garantie ab dem Herstellidatum. Die Garantie deckt alle eventuellen Mängel entstanden in der Produktion. Schäden und/oder Mängel, die durch die falsche oder nicht konforme Einhaltung der Installations- und Gebrauchsanweisungen entstehen sind nicht abgedeckt. Die Garantie verfällt, wenn die Produkte geöffnet oder verändert werden.

Achtung: Die Gesellschaft behält sich das Recht vor, unter Beachtung der geltenden Gesetze, ohne Vorankündigung technische und dimensionale Änderungen vorzunehmen, um die Eigenschaften und Leistungen der Produkte zu verbessern.

WARRANTY: Our products are guaranteed for 24 months from the date of manufacture. Our warranty covers all manufacturing defects. Our warranty does not cover defects and/or damages due to improper use or not conforming to the operating and installation instructions. The warranty will be invalidated if the products are opened or tampered with.

Note: According to the regulations in force, the Manufacturer reserves the right to make technical and dimensional changes to improve product characteristics and performance without prior notice.



RICHTLINIE UE 2002/96/EG (WEEE) - INFORMATIONEN FÜR DIE ANWENDER DIESES PRODUKT IST MIT DER RICHTLINIE 2002/96/EG KONFORM.

Das Symbol mit dem durchgestrichenen Müllbehälter auf dem Gerät, weist darauf hin, dass das Produkt nach seiner endgültigen Außerbetriebsetzung getrennt von Haushaltsabfällen entsorgt und einer Sammelstelle für Elektro- und Elektronikmüll zugeführt oder beim Kauf eines neuen gleichwertigen Geräts an den Händler zurück gegeben werden muss. Der Benutzer ist für die vorschriftsmäßige Entsorgung des Geräts nach seiner Außerbetriebnahme verantwortlich. Die richtige Mülltrennung, mit der danach das außer Betrieb gesetzte Gerät dem Recycling, der Behandlung und der umweltverträglichen Entsorgung zugeführt wird, trägt dazu bei, mögliche negative Auswirkungen auf die Umwelt und die Gesundheit zu vermeiden und fördert das Recycling der Materialien, aus denen das Produkt besteht. Die gesetzwidrige Entsorgung des Produktes durch den Benutzer wird gesetzlich verfolgt. Für genauare Informationen in Bezug auf die verfügbaren Müllsammelsysteme wenden Sie sich bitte an die örtliche Müllabfuhr oder an das Geschäft, in dem das Gerät eingekauft wurde.

DIRECTIVE UE 2002/96/EC (WEEE) - INFORMATION FOR USERS THIS PRODUCT CONFORMS WITH EU DIRECTIVE 2002/96/EC.

It carries the symbol of the crossed-out waste bin, which means that once its useful life is over it must be treated separately from other domestic waste: it must be taken to a recycling centre for electrical and electronic equipment, or taken back to a retailer and left there when a new equivalent device is purchased. The user is responsible, when the device is to be disposed of, for taking it to the appropriate collection point. Proper differentiated collection is necessary so that the obsolete device can be sent on for environmental friendly recycling, treatment and dismantling, in order to avoid any possible negative environmental impact or health risk and to allow the materials of which it is made to be re-used. More detailed information about available systems for collection may be obtained from the local waste disposal services, or from the shop from which the device was purchased.

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