

ALIMENTATION DALI PUSH DIM : 52044



ATTENTION :
L'alimentation est réglée en usine pour 700mA

BK-PUL030A-0700Ad

PIN typ.	Irated	Output Voltage	1	2	3	4
12.7W	250mA	42VDC	--	ON	ON	ON
14.9W	300mA	42VDC	ON	--	ON	ON
17.4W	350mA	42VDC	--	--	ON	ON
19.5W	400mA	42VDC	--	ON	--	ON
21.9W	450mA	42VDC	--	--	--	ON
24.3W	500mA	42VDC	ON	ON	ON	--
26.5W	550mA	42VDC	--	--	ON	--
28.9W	600mA	42VDC	--	ON	--	--
31.3W	650mA	42VDC	ON	--	--	--
33.7W	700mA	42VDC	--	--	--	--

EIKE Dimmable Constant Current LED Driver
 MODEL: BK-PUL030A-0700Ad
 INPUT: 200-240V ~ 50/60Hz 0.2A Max λ:0.95
 OUTPUT: 50V ~ Max other ratings see below sheet

PIN typ.	Rated	Output Voltage	Protect	1	2	3	4
12.7W	250mA	3-42VDC	10.5W	ON	ON	ON	ON
14.9W	300mA	3-42VDC	12.6W	ON	ON	ON	ON
17.4W	350mA	3-42VDC	14.7W	ON	ON	ON	ON
19.5W	400mA	3-42VDC	16.8W	ON	ON	ON	ON
21.9W	450mA	3-42VDC	18.9W	ON	ON	ON	ON
24.3W	500mA	3-42VDC	21.0W	ON	ON	ON	ON
26.5W	550mA	3-42VDC	23.1W	ON	ON	ON	ON
28.9W	600mA	3-42VDC	25.2W	ON	ON	ON	ON
31.3W	650mA	3-42VDC	27.3W	ON	ON	ON	ON
33.7W	700mA	3-42VDC	29.4W	ON	ON	ON	ON

Switching selection sheet

For LED Modules use only

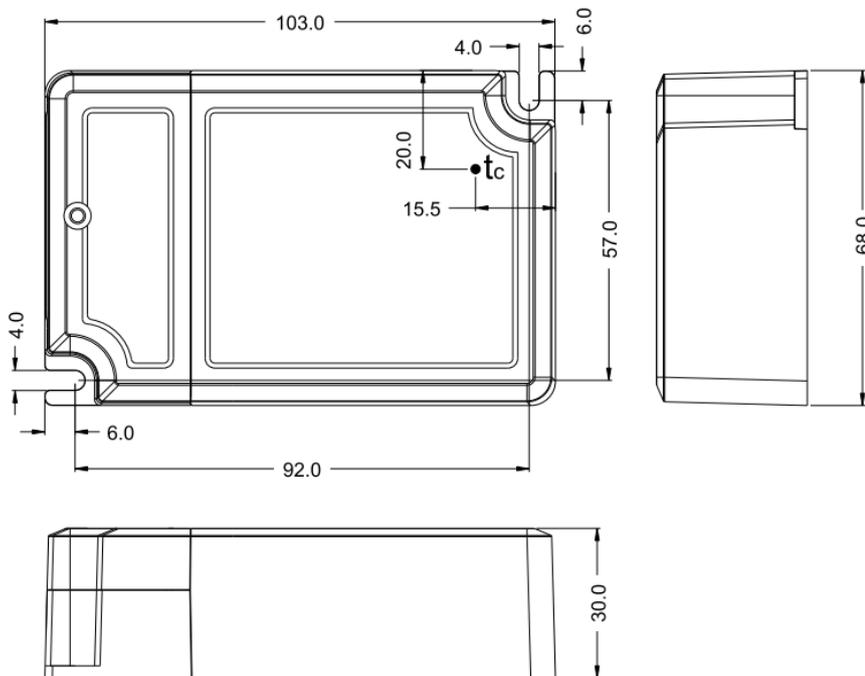
tc=75°C
ta=45°C

MADE IN CHINA

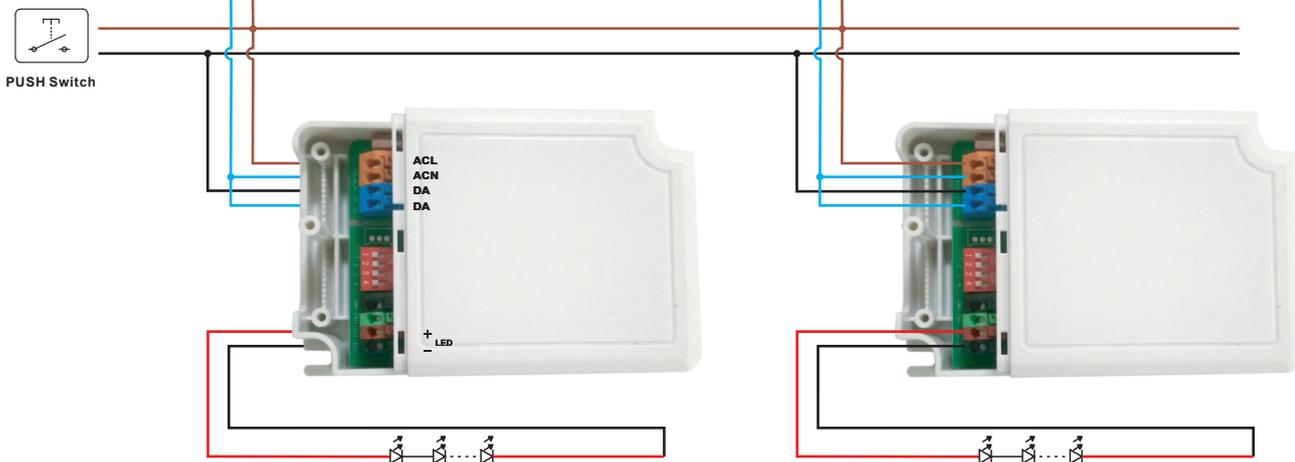
Afin de procéder au changement du courant de sortie en fonction du produit, il faut régler les switches dans le but d'avoir le courant et la puissance correspondantes:

ATTENTION :

Se tromper peut endommager le produit, bien vérifier que le courant sélectionné correspond à la bonne puissance du produit.



PUSH-DIM

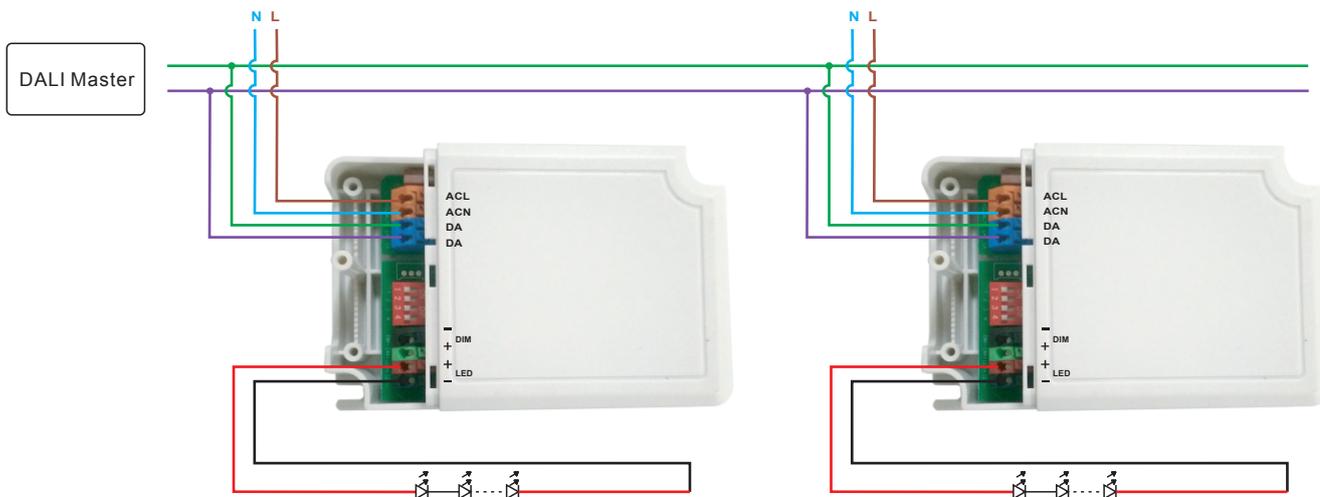


Le protocole DALI comprend 16 groupes et 64 adresses
 DALI protocol comprises 16 groups and 64 addresses.

DALI INPUT	MIN	TYP	MAX
high level	9.5V	16V	22.5V
low level	-6.5V	0V	6.5V

La distance Maxi du cable Dali est de 300m en 2x1.5mm²

DALI



Technical data

Product model	BK-PUL030A-0700Ad
Output parameters	
Regulation method	Constant Current
Rated output current range	0.25-0.7A
Rated output voltage range	3-42VDC
Rated output power	29.4W Max
Output current adjustment	DIP S.W(10 levels)
Output current ripple LF	±1%
Output current accuracy	±2%
Linear regulation	±1%
Load regulation	±1%
No load output voltage	50VDC
Flicker-free(typical)	Modulation depth =0.106% (100 Hz), Pst LM ≤0.000, SVM ≤0.003,(The above parameters are obtained from testing the panel lights)
Input parameters	
Rated input voltage range	200-240VAC 200-240VDC
Input voltage range	180-264VAC 200-264VDC
Input voltage shock	<380V AC
Input current	<0.2A (Rated input voltage)
Input frequency	0/50/60Hz
Input PF/Input DF	PF>0.95 (230V AC & Full load),DF>0.95 (230V AC & Full load)
Input THD	10% (230V AC & Full load)
Efficiency(typical)	87% (230V AC & Full load)
In-rush current	4.33A peak ,164us duration(50 % Ipeak), see the description below for details
Start/Switchover/Turn off	<0.7s(AC start),<0.7s(DC start),<0.3s(AC/DC switchover),<0.5s(Turn off)
Switching cycles	>50,000 switching cycles
Power consumption	Full load(Pin):33.7W, No load(Pno): N/A, On stand-by(Psb) : <0.5W, Network stand-by(Pnet) : N/A
Safety	
Withstand voltage	I/P-O/P:3750V AC, I/P-DALI: 1500V AC.
Mains surge capability	L-N:2KV
Leakage current	<0.7mA (230V AC & Full load)
Isolation resistance	I/P-O/P:100MΩ/500Vdc/25°C/70% RH
Control interface	
DALI dimming port	Voltage range: 9.5-22.5V, typical 16V, interface current consumption: 1.8mA
pushDIM dimming port	Voltage range: 180-264V 50/60Hz
1-10V 3in1 dimming port	N/A
Auxiliary power supply	N/A
Dimming range	3-100%
Dimming drive mode	AM(amplitude modulation)
Emergency support	
Central emergency system	Supported(Under DC input conditions)
Self-contained emergency	Supported
Environment & Life time	
Operating temperature	Ta=-20-45°C
Case temperature	Tc=75°C
Operating humidity	5-85% RH, not condensed
Storage temp./humidity	-40-80°C, 5-85% RH, not condensed
IP grade	IP20
MTBF	500,000H,MIL-HDBK-217F(25°C)
Life-time	Nominal life-time up to 100,000 h, see the description below for details
Vibration resistant	10~500Hz,5G 12min./1cycle,period for 72min. each along X,Y,Z axes
Acoustic Noise	<25dB(30cm, Normal operation)
Environmental protection	RoHS
Certifications and standards	
Certification	ENEC, RCM, UKCA, CE, CCC, DALI-2, EL
Safety	EN61347-1, EN61347-2-13, EN62384
EMC	EN55015, EN61000-3-2, EN61000-3-3, EN61000-4-2,3,4,5,6,8,11, EN61547
DALI-2	IEC 62386-101(DALI-2), IEC 62386-102(DALI-2), IEC 62386-207(DALI-2)
EL	Compatible IEC 61347-2-13 Annex J, compatible with EN 60598-2-22 and EN 50172
RF	N/A

Remarks

- 1.By default, all parameter are measured at 230VAC input, full load and 25°C of ambient temperature.
- 2.The driver can not be installed inside the light. when the driver is used with the light, the EMC of the whole light needs to be tested.