

DAL series
CC Linear dimmable driver (DALI-2 DT6)

- DALI-2+pushDIM dimming interfaces
- 16 levels current output can be realized by DIP switch
- Using HPC patented technology, the brightness can remain same when dimming
- Soft dimming and flicker-free at any brightness,meets the new requirements of ErP certification
- Dimming range 1-100%, output current accuracy 2%
- Standby power input <0.5W, meets the requirements of ErP certification
- High PF, high efficiency, low THD
- Intelligent LED hot-plug protection function
- SELV and Class I design, suitable to intallate within the luminaires
- Compliance with CE, UKCA, ENEC, RCM, CCC, DALI-2, EL and other certifications



DT6, PUSH, Adjustable current



Parameters

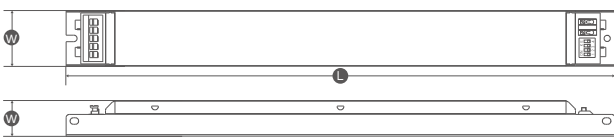
Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-DAL030-B0800Ad	200-240VAC	30.4W	6-42V	0.275-0.8A	0.98	88.5%	6%	60℃	90℃	L245*W30*H21
BK-DAL040-B1050Ad	200-240VAC	39.9W	6-42V	0.4-1.05A	0.98	88.5%	6%	60℃	90℃	L285*W30*H21
BK-DAL050-B1300Ad	200-240VAC	49.4W	6-42V	0.55-1.3A	0.97	90%	7%	60℃	90℃	L285*W30*H21
BK-DAL060-B1650Ad	200-240VAC	62.7W	6-42V	0.9-1.65A	0.98	90%	5%	60℃	90℃	L355*W30*H21
BK-DAL080-B2000Ad	200-240VAC	80W	6-42V	1.25-2A	0.98	90.5%	7%	60℃	90℃	L355*W36*H23

Suffix d: DALI-2+pushDIM

Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input vottage shock:	380VAC
Protection type:	Class I
Output type:	SELV
Output current accuracy:	2%
Dimming range:	1-100%
Power on time:	<0.7s
Standby power:	<0.5W
No load output voltage:	50VDC
Surge:	L-N:2KV,L-FG/N-FG:2KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-20℃-60℃
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



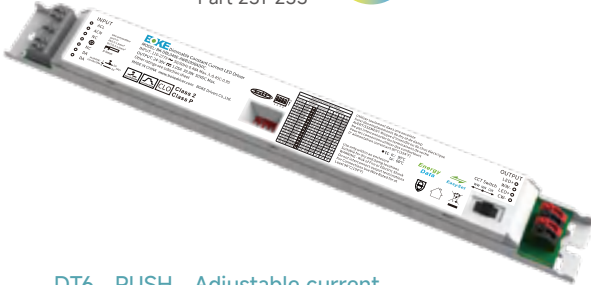
Wiring diagram

Suffix d: DALI-2+pushDIM



DBL (E) series
CC Linear dimmable driver (DALI-2 DT6)

- DALI-2+pushDIM dimming interfaces
- 16 levels current output can be realized by DIP switch
- Support EnergyData function and energy-reporting reading (DALI Part 252)
- Support Luminaire data reading (DALI Part251), support diagnostics-maintenance reading (DALI Part 253)
- Support advanced functions such as corridorDIM,EL,CLO
- The output current programming can be realized through the DALI interface and the NFC interface
- Soft dimming and flicker-free at any brightness
- Using HPC patented technology, the brightness can remain same when dimming
- High PF, high efficiency, low THD
- Intelligent LED hot-plug protection function
- Compliance with Zhaga Book 13/24/25 standards
- SELV and Class I design, suitable to intallate within the luminaires
- Compliance with CE, UKCA, ENEC, RCM, CCC, EL, DALI-2 and other certifications



DT6, PUSH, Adjustable current



Parameters

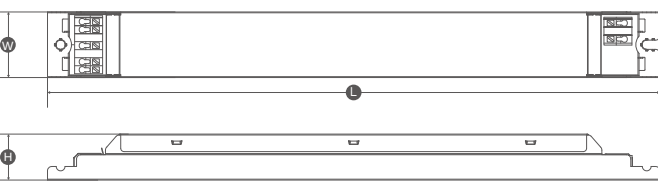
Mode	Input voltage	Output power	Output voltage	Output current	Power factor	Full load Efficiency	THD	Ta	Tc	Dimension (mm)
BK-DBL040E-AWB1050ADPC	110-277VAC	40W	24-42V	0.3-1.05A	0.98	88.5%	9%	60℃	90℃	L280*W30*H22.5
BK-DBL040E-A1050ADP	200-240VAC	40W	24-42V	0.3-1.05A	0.97	89.5%	8.5%	60℃	90℃	L280*W30*H21
BK-DBL040E-A1050ADN	200-240VAC	40W	24-42V	0.4-1.05A	0.99	89%	5.5%	60℃	90℃	L280*W30*H21
BK-DBL050E-A1250ADP	200-240VAC	50.4W	24-42V	0.5-1.25A	0.99	89%	5%	60℃	95℃	L280*W30*H21
BK-DBL050E-A1250ADN	200-240VAC	50W	24-42V	0.5-1.25A	0.98	88.5%	9%	60℃	90℃	L280*W30*H21
BK-DBL060E-A1650ADP	200-240VAC	62.7W	24-42V	0.9-1.65A	0.97	89.5%	8.5%	60℃	90℃	L360*W30*H21
BK-DBL060E-A1650ADN	200-240VAC	62.7W	24-42V	0.6-1.65A	0.99	89%	5.5%	60℃	90℃	L360*W30*H21
BK-DBL080E-AWB200ADPC	110-277VAC	80W	24-42V	1.1-2A	0.99	89%	5%	60℃	90℃	L360*W30*H22.5
BK-DBL080E-A2000ADP	200-240VAC	80W	24-42V	1.25-2A	0.99	89%	9%	60℃	95℃	L360*W30*H21
BK-DBL080E-A2000ADN	200-240VAC	80W	24-42V	0.8-2A	0.99	89%	8.5%	60℃	95℃	L360*W30*H21

Suffix DPC: DALI-2+pushDIM+EnergyData+EL+CLO+corridorDIM+DALI programmable+Slide switch CCT
Suffix DP: DALI-2+pushDIM+EnergyData+EL+CLO+corridorDIM+DALI programmable
Suffix DN: DALI-2+pushDIM+EnergyData+EL+CLO+corridorDIM+DALI programmable+NFC programmable

Specifications

Rated input voltage:	200-240VAC/200-240VDC
Limited voltage:	180-264VAC/180-264VDC
Input vottage shock:	380VAC
Protection type:	Class I
Output type:	SELV
Output current accuracy:	5%
Dimming range:	1-100%
Power on time:	<0.7s
No load output voltage:	50VDC
Surge:	L-N:2KV,L/N-FG:4KV
Flicker-free:	Pst LM <1,SVM <0.4
Operation temperature:	-25℃-60℃
Protection class:	IP20
Life time:	Normal 100,000 hours
Warranty:	5.5 years

Dimension(unit:mm)



Wiring diagram



BAS003
Line pressing box

Features

- Meet the needs of independent use of linear driver
- Simple assembly and installation
- Two sizes available for different linear drivers
- Support 2*0.75mm² cable

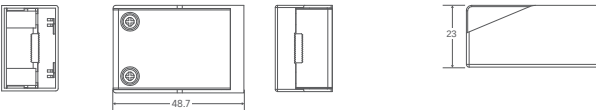


Product range

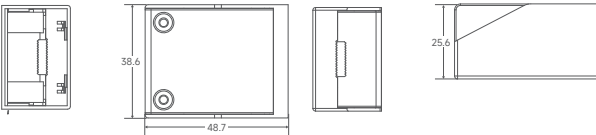
Model	Description
BK-BAS003A	Line pressing box
BK-BAS003B	Line pressing box

Dimension (unit: Vmm)

BK-BAS003A



BK-BAS003B



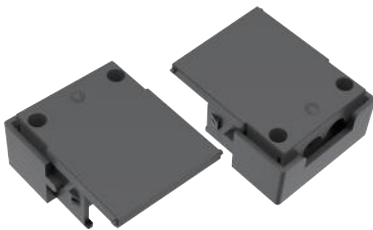
Applicable models

CWL series	BK-CWL009/BK-CWL013/BK-CWL018/BK-CWL022
	BK-CWL030/BK-CWL040/BK-CWL050/BK-CWL060
	BK-CWL080
KHL series	BK-KHL030/BK-KHL040/BK-KHL050/BK-KHL060
	BK-KHL080
CJL series	BK-CJL030/BK-CJL040/BK-CJL050/BK-CJL060
	BK-CJL080
DAL series	BK-DAL030/BK-DAL040/BK-DAL050/BK-DAL060
	BK-DAL080
HGV series	BK-HGV022/BK-HGV048/BK-HGV060/BK-HGV070
	BK-HGV072/BK-HGV100/BK-HGV150
MGV series	BK-MGV036/BK-MGV060/BK-MGV100/BK-MGV150
DGV series	BK-DGV036/BK-DGV060/BK-DGV100/BK-DGV150
DWV series	BK-DWV100/BK-DWV150
SWL series	BK-SWL022/BK-SWL040/BK-SWL060

BAS008
Line pressing box

Features

- Meet the needs of independent use of linear driver
- Simple assembly and installation
- Removable line pressing box,suitable for cables of different wire diameters
- Support 2*0.75mm² or 5*0.75mm² cable

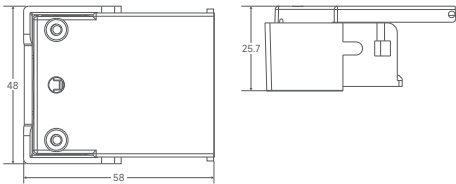


Product range

Model	Description
BK-BAS008	Line pressing box

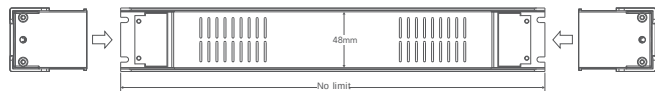
Dimension (unit: mm)

BK-BAS008

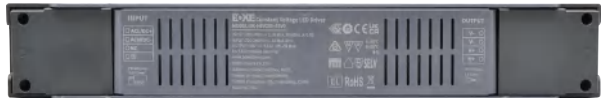


Compatible housing and assembly diagram

BK-BAS008



Reference Image



Applicable models

HEV series:	BK-HEV080/BK-HEV150/BK-HEV200
DEV series:	BK-DEV080/BK-DEV150/BK-DEV200
MEV series:	BK-MEV080/BK-MEV150/BK-MEV200
DCV series:	BK-DCV080/BK-DCV150/BK-DCV200