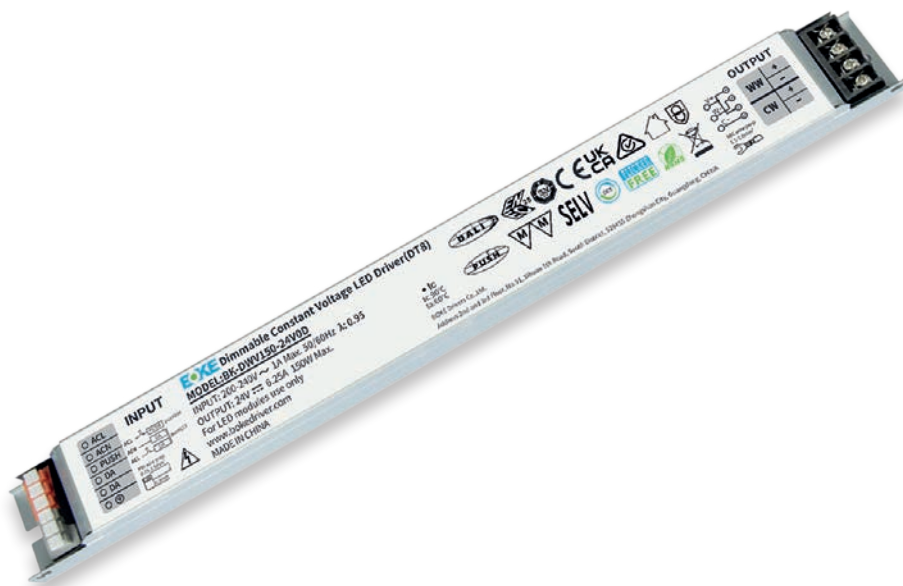


Alimentatore LED dimmerabile - Dimmable LED power supply

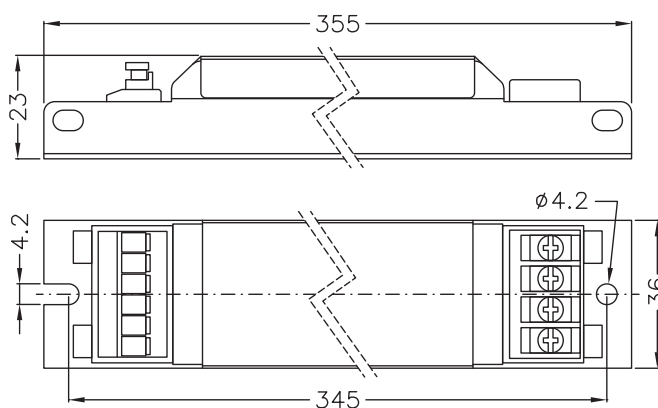
BK-DWV150-24V0D



Dati tecnici / Technical data

Input voltage VAC/DC	Output power Max W	Output voltage VDC	Output current A	Dimension mm (LxWxH)
200-240	150	24	6.25	355x36x23

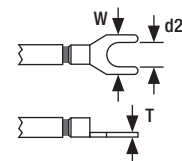
Disegno tecnico / Technical drawing



Cavo di ingresso - Input wire
0.75~1.5mm²

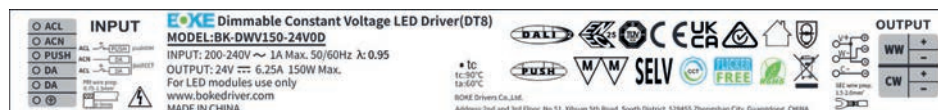


Cavo di uscita - Output wire
1.5~2mm²



W: 5.7mm
d2: 3.2mm
T: 0.7~0.8mm

Etichetta / Label



Technical data

Product model	BK-DWV150-24V0D
Output parameters	
Regulation method	Constant voltage
Rated output current	6.25A
Rated output voltage	24V
Rated output power	150W Max
Output voltage adjustment	Fixed output
Output current ripple LF	±2%
Voltage accuracy	±4%
Linear regulation	±4%
Load regulation	±4%
Flicker-free	Pst LM = 0.000, SVM = 0.609 ,(The above parameters are obtained by testing with constant voltage light strip)
Input parameters	
Rated input voltage range	200-240VAC
Input voltage range	180-264VAC
Input votage shock	<300 V AC
Input current	<1A (AC 200V)
Input frequency	50/60Hz
Input PF/Input DF	PF: 0.99,DF: 0.99,see the electrical values below for details
Input THD	4% ,see the electrical values below for details
Efficiency(Max)	94% ,see the electrical values below for details
In-rush current	36.13A peak ,410us duration(50 % lpeak), 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):159.6W, No load(Pno): N/A, On stand-by(Psb) : <0.5W, Network stand-by(Pnet) : N/A
Safety	
Withstand voltage	I/P-O/P(LED):3750VAC,I/P-FG:1750VAC,O/P-FG:500VAC,I/P-DALI: 1500VAC,O/P-DALI: 1500VAC
Mains surge capability	L-N:2KV,L-FG/N-FG:2KV(Performance criterion:B)
Leakage current	0.3mA (230V AC & Full load)
Isolation resistance	I/P-O/P:100MΩ/500Vdc/25°C/70% RH
Control interface	
DALI dimming port	Voltage range: DC9.5-22.5V, typical 16V, interface current consumption: 1.8mA
pushDIM dimming port	Voltage range: AC180-264V 50/60Hz
1-10V 3in1 dimming port	N/A
Auxiliary power supply	N/A
Dimming range	1-100%
Dimming drive mode	H-PWM
Emergency support	
Central emergency system	Not supported
Self-contained emergency	Supported
Environment & Life time	
Operating temperature	Ta=-20-60°C
Case temperature	Tc=90aC
Operating humidity	5-85% RH, not condensing
Storage temp./humidity	-40-80°C, 5-85% RH, not condensing
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, Full load)
Environmental protection	RoHS
Certifications and standards	
Certification	CE, ENEC, UKCA, RCM, DALI-2
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),IEC 62386-209(DALI-2)
EL	N/A
RF	N/A

Nota / Note

Per impostazione predefinita, tutti i parametri sono misurati a 230VAC ingresso, pieno carico e 25° della temperatura ambiente.

By default, all parameter are measured at 230VAC input, full load and 25° of ambient temperature.

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Accessori / Accessories

