

B81 SERIES LED DRIVERS SUPPLY POWER

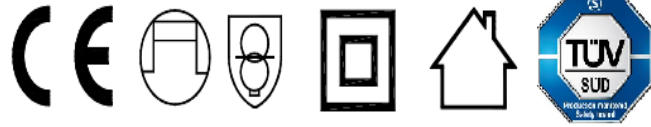


■ FEATURES:

- 1.180-264VAC input
- 2.Cooling by free air convection
- 3.Built-in unipolar PFC function
- 4.Only for indoor
- 5.5 years warranty



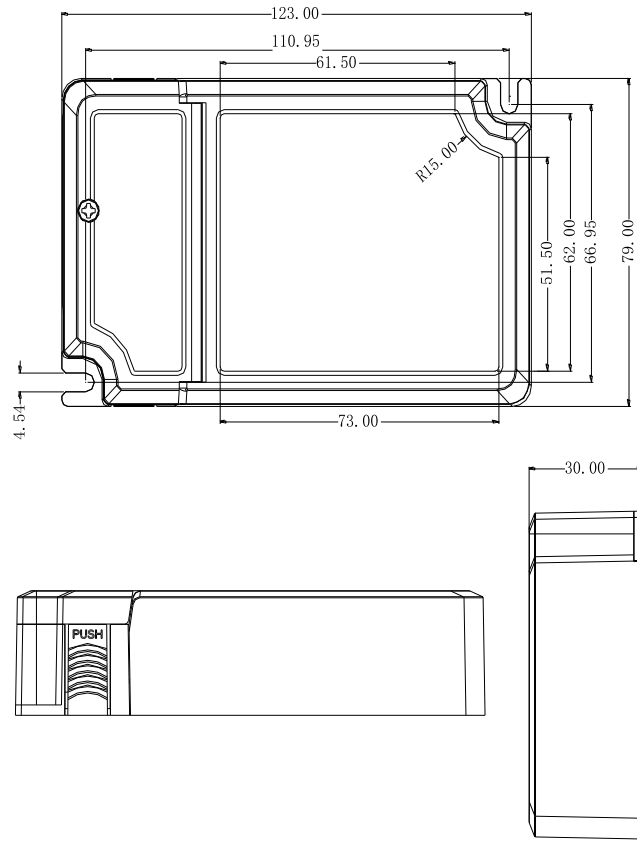
Elnummer: 3253676



■ ELECTRICAL SPECIFICATION

MODEL	BK-PF-044W1A10-B81				
OUTPUT	DC CURRENT	1.1A			
	CONSTANT CURRENT RANGE	26-40V			
	RATED POWER	44W Max			
	RIPPLE & NOISE	200mV			
	CURRENT ADJ. RANGE	0.10-1.1A			
	CONSTANT CURRENT ACC.	±5%			
	LINE REGULATION	±5%			
	LOAD REGULATION	±5%			
	HOLD UP TIME	N/A			
	DIMMING FUNCTION	Dimmable with trailing/leading-edge dimmers			
INPUT	RATED VOLTAGE	200-240VAC			
	INPUT VOLTAGE RANGE	180-264VAC			
	FREQUENCY RANGE	47-63Hz			
	POWER FACTOR	PF>0.9 when output load ≥70% at 230Vac input.			
	TOTAL HARMONIC DISTORTION	THD <20% when output load ≥70% at 230Vac input.			
	EFFICIENCY (TPY.)	88%			
	INPUT CURRENT	<0.6A max/230Vac			
	INRUSH CURRENT	Cold start <30A at 230Vac			
	LEAKAGE CURRENT	< 0.25mA/230Vac			
	TURN ON DELAY	<1S/230VAC,at full load			
PROTECTION	SHORT CIRCUIT	Constant current limiting,recovers automatically after full condition is removed			
	OVER VOLTAGE	50V			
	OVER TEMPERATURE	N/A			
ENVIRONMENT	OPERATION TEMPERATURE	-20---45℃			
	OPERATION HUMIDITY	10---90% RH non-condensing			
	STORAGE HUMIDITY	-20---80℃,5---95% RH			
	IP CLASS	N/A			
	VIBRATION	10--500Hz,5G 12min./1cycle,period for 72min. each along X,Y,Z axes			
	Tc	Tc=80℃(Ta=45℃)			
	MTBF	50000H min.,MIL-HDBK-217F(45℃)			
EMC	EMC EMISSION	Compliance to EN55015,EN61000-3-2 Class C(≥50% load),EN61000-3-3			
	EMC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11;EN61547;			
SAFETY	SAFETY STANDARDS	EN61347-1/2-13			
	CERTIFICATE	TUV-SUD			
	WITHSTAND VOLTAGE	I/P-O/P:3750V			
	ISOLATION RESISTANCE	I/P-O/P:100MΩ/500Vdc/25℃/70% RH			
PACKAGE	DIMENSION	L123*W79*H30mm			
	WIGHT	0.22kg			
	PACKING	90PCS/CUT			
	Environmental protection	RoHS			
	INPUT CONNECTION	PCB connector/5mm/2PIN/orange			
OUTPUT CONNECTION	PCB connector/5mm/2PIN/gray				
NOTE	<p>1.All parameter are measured at 230VAC input,rated load and 25℃ ambient temperature.</p> <p>2.The power supply is considers as a compent that wil be operated in combination with final equipment.Since EMC performance will be affected by the complete installation the final equipment manufactures must re-quality EMC directive on the complete installation again.</p> <p>3.Ripple & Noise are measured at 20MHz of bandwith by using a 12" twisted pair-wire terminated with a 0.1uF & 47uF paralled capacitor</p>				

MECHANICAL SPECIFICATION



Label

