

Clase II Class II
FAP 90 DALI-2

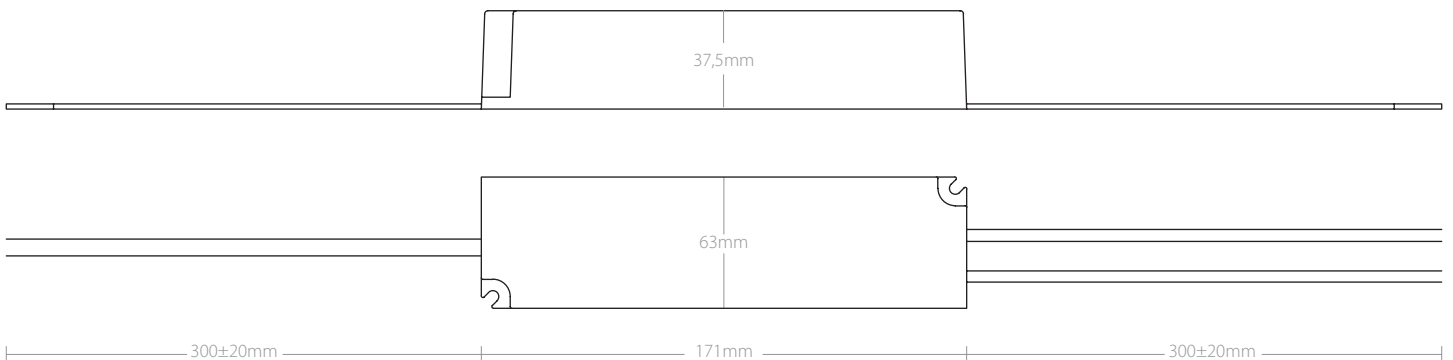
FP90-DA2

Fuente de alimentación de tensión constante. Especialmente diseñado para la regulación de tiras de LED mediante señal DALI-2. Regulación del 0% al 100% de la intensidad de salida. Funciona desde 90 ~ 305VAC.

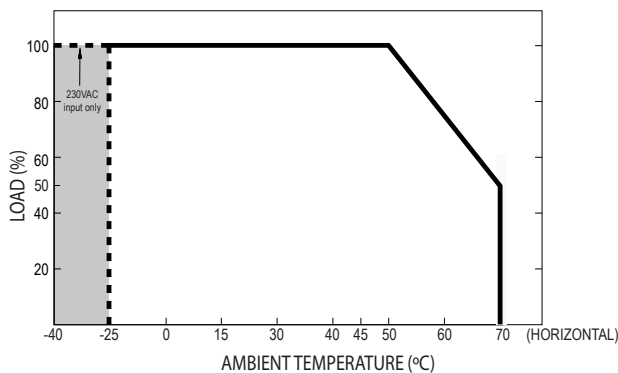
Constant voltage power supply. Specially designed for the regulation of LED strips by DALI-2 signal. Regulation from 0% to 100% of the output intensity. Operates from 90 ~ 305VAC.



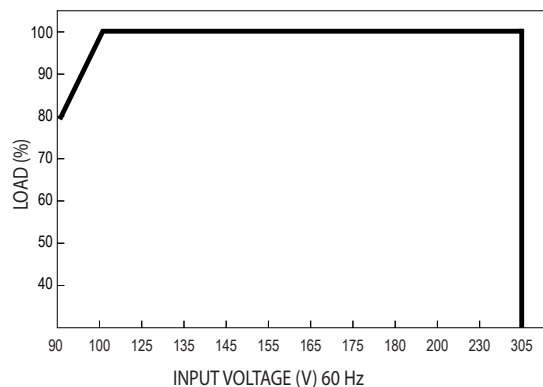
Medidas Dimensions



Curva de reducción Derating curve



Características estáticas Static characteristics



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Características técnicas

Technical data

		FP90-12-DA2	FP90-24-DA2
Salida Output	Voltaje DC DC Voltage	12V	24V
	Corriente nominal Rated current	7.5A	3.75A
	Potencia nominal Rated power	90W	90W
	Rango de regulación Dimming range	0 ~ 100%	
	Frecuencia PWM PWM frequency	1.47kHz for Blank/DA-Type, 2.5kHz for DA2-Type	
	Configuración, Tiempo de subida Setup, Rise time	500ms, 80ms/ 115VAC or 230VAC	
	Espera tiempo Hold up time	16ms/115VAC or 230VAC	
Entrada Input	Rango de voltaje Voltage range	90 ~ 305VAC 127 ~ 431VDC	
	Rango de frecuencia Frequency range	47 ~ 63Hz	
	Factor de potencia Power factor	PF>0.98/115VAC, PF>0.96/230VAC, PF>0.92/277VAC @ full load	
	Distorsión armónica total Total harmonic distortion	THD<20%(@load>60%/115VAC, 230VAC; @load>75%/277VAC)	
	Eficiencia Efficiency	88%	90.5%
	Corriente AC AC current	0.95A / 115VAC 0.5A / 230VAC 0.4A / 277VAC	
	Corriente de irupción Inrush current	COLD START 60A(twidth=550µs measured at 50% Ipeak) at 230VAC	
Protección Protection	Corriente de fuga Leakage current	<0.25mA / 277VAC	
	Sobrecarga Overload	108 ~ 130% rated output power Hiccup mode or Constant current limiting,recovers automatically after fault condition is removed.	
	Sobre voltaje Over voltage	15 ~ 17V	28 ~ 34V
Ambiente Environment	Temperatura de trabajo Working temperature	-40 ~ +85°C	
	Humedad de trabajo Working humidity	20 ~ 95% RH	
	Temp. almacen., humedad Storage temp.,humidity	-40 ~ +80°C, 10 ~ 95% RH	
	Coefficiente temperatura Temp. coefficient	±0.03%/°C (0 ~ 50°C)	
	Vibración Vibration	10 ~ 500Hz, 5G 12min./1cycle, period for 72min. each along X, Y, Z axes	
Seguridad Safety & EMC	Estándares de seguridad Safety standards	UL8750(except for DA-Type), CSA C22.2 No. 250.13-12; IEC62384, IP67, BIS IS15885(for 12,24,48 Blank Type only), EAC TP TC 004,GB19510.1,GB19510.14 approved; Design refer to EN60335-1; According to EN61347-2-13 appendix J suitable for emergency installations	
	Estándares de Dali Dali standards	IEC62386-101, 102, 207,251 for DA/DA2-Type only,Device type 6(DT6)	
	Tensión soportada Withstand voltage	I/P-O/P:3.75KVAC; I/P-DA:1.5KVAC; O/P-DA:1.5KVAC	
	Resistencia al aislamiento Isolation resistance	I/P-O/P:100M Ohms / 500VDC / 25°C/ 70% RH	
	Emisión EMC EMC emission	Compliance to EN55015, EN61000-3-2 Class C (@load>60%) ; EN61000-3-3,GB17743 and GB17625.1,EAC TP TC 020	
	Inmunidad EMC immunity	Compliance to EN61000-4-2,3,4,5,6,8,11; EN61547, light industry level (surge immunity Line-Line 2KV),EAC TP TC 020	

