

Clase II Class II
FAP 200 DALI-2

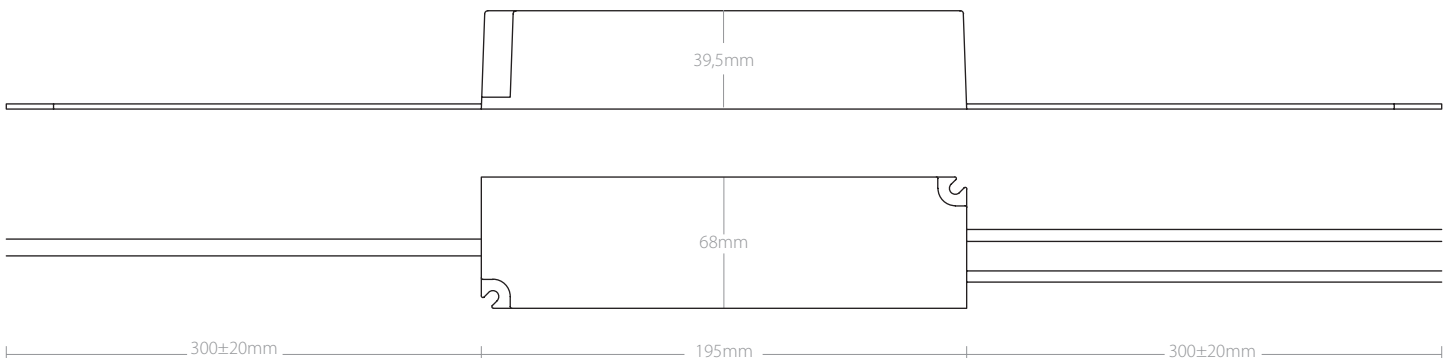
FP200-DA2

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 100 ~ 305VAC.

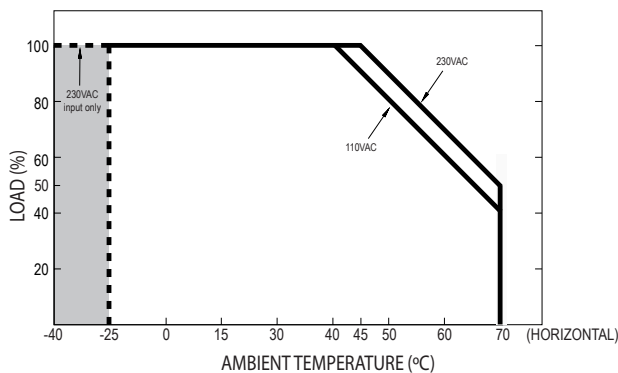
Constant voltage power supply. Specially designed for the regulation of LED strips by DALI-2 signal. Regulation from 0% to 100% of the output intensity. Operates from from 100 ~ 305VAC.



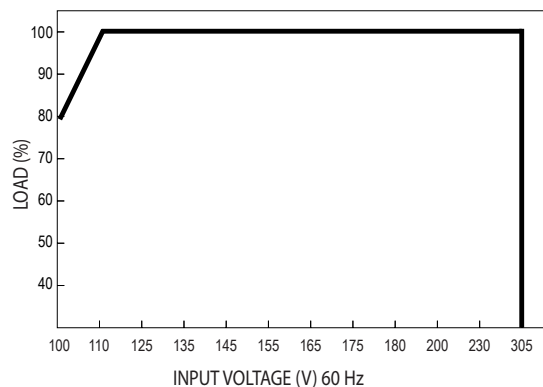
Medidas • Dimensions



Curva de reducción • Derating curve



Características estáticas • Static characteristics



Clase II Class II FAP 200 DALI-2

Características técnicas Technical data

		FP200-12-DA2	FP200-24-DA2	
Salida Output	Voltaje DC DC Voltage	12V	24V	
	Corriente nominal Rated current	15A	8,3A	
	Potencia nominal Rated power	180W	199,2W	
	Rango de regulación Dimming range	0 ~ 100%		
	Frecuencia PWM PWM frequency	4kHz for Blank type; 2.5kHz for DA2 type		
	Configuración, Tiempo de subida Setup, Rise time	500ms, 80ms/230VAC or 115VAC		
	Espera tiempo Hold up time	10ms/230VAC or 115VAC		
Entrada Input	Rango de voltaje Voltage range	100 ~ 305VAC 142 ~ 431VDC		
	Rango de frecuencia Frequency range	47 ~ 63Hz		
	Factor de potencia Power factor	PF>0.97/115VAC, PF>0.96/230VAC, PF>0.94/277VAC @ full load		
	Distorsión armónica total Total harmonic distortion	THD<20%(@load>60%/115VAC, 230VAC; @load>75%/277VAC)		
	Eficiencia Efficiency	92%	93%	
	Corriente AC AC current	2.2A / 115VAC	1.1A / 230VAC	0.9A / 277VAC
	Corriente de irupción Inrush current	COLD START 65A(twidth=550µs measured at 50% Ipeak) at 230VAC		
Protección Protection	Corriente de fuga Leakage current	<0.75mA / 277VAC		
	Sobrecarga Overload	108 ~ 135% rated output power Hiccup mode or Constant current limiting,recovers automatically after fault condition is removed.		
	Sobre voltaje Over voltage	13 ~ 18V	27 ~ 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(type "HL"), CSA C22.2 No. 250.13-12; ENEC EN61347-1, EN61347-2-13,EN62384 independent, IP67, 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	Comply with IEC62386-101, 102, 207, 251 for 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 BS EN/EN55015, BS EN/EN61000-3-2 Class C (@load>60%); BS EN/EN61000-3-3, GB17743 and GB17625.1,EAC TP TC 020		
Inmunidad EMC immunity	Compliance to BS EN/EN61000-4-2,3,4,5,6,8,11; BS EN/EN61547, light industry level (surge immunity, Line-Line 2KV), EAC TP TC 020			

