

Waterproof / Premium

FAW 480

FW480

Fuente de alimentación de tensión constante.
Funciona desde 90~305VAC.
Consigue una alta eficiencia sin ventilador, hasta un 95,5% gracias a un diseño optimizado y es capaz de funcionar desde -40°C ~ +90°C.



Constant voltage power supply.
Operates from 90~305VAC.
It achieves high efficiency without fan, up to 95,5% to an optimized design and is capable of operating from -40°C ~+90°C.

IP67

24VDC

5Warranty Years

SELV

110

F

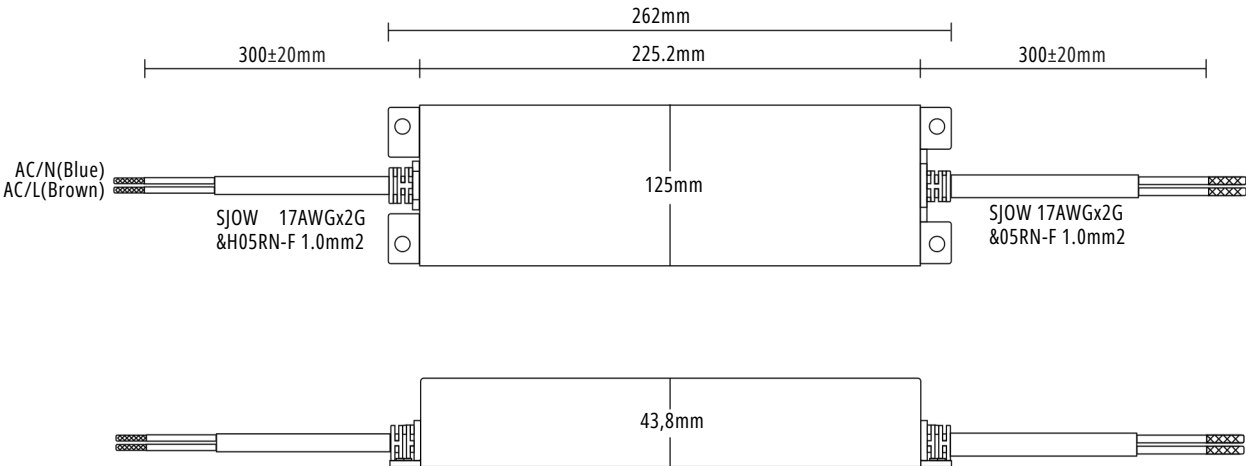
M/M

FC

CB

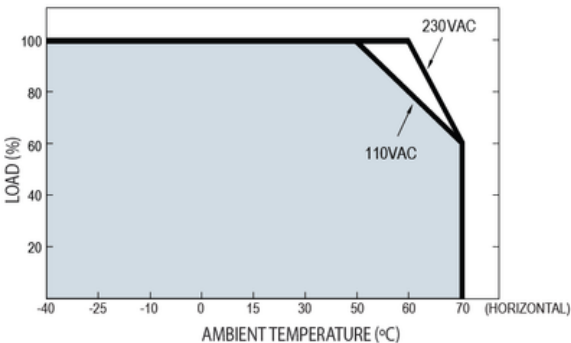
Medidas

Dimensions



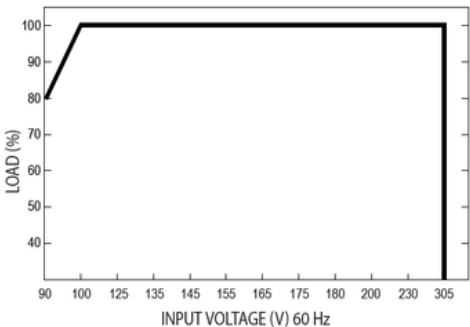
Carga de salida vs temperatura

Output load vs temperature



Características estáticas

Static characteristics



F

M/M

SELV

CE

Clase I Class I

FAW 480

Características técnicas

Technical data

		FW480
Salida Output	Voltaje DC DC Voltage	24V
	Corriente nominal Rated current	20A
	Potencia nominal Rated power	480W
	Rango de regulación Dimming range	0,5%
	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>0.97/230VAC, PF>0.95/277VAC @ full load
	Distorsión armónica total Total harmonic distortion	THD<20%(@load>40%/115VAC, 230VAC; @load>75%/277VAC)
	Eficiencia Efficiency	94%94.5%
	Corriente AC AC current	5A / 115VAC 2.45A / 230VAC 2A / 277VAC
	Corriente de irupción Inrush current	COLD START 35A(twidth=1800µs measured at 50% Ipeak) at 230VAC
	Corriente de fuga Leakage current	<0.75mA / 277VAC
Protección Protection	Sobrecarga Overload	95 ~ 108% rated output power Constant current limiting, recovers autmatically after fault condition is removed.
		27 ~ 33V 33~40V 40~50V46 ~ 55V 53~63V 60~70V
	Sobre voltaje Over voltage	
Ambiente Environment	Temperatura de trabajo Working temperature	-40 ~ +90°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	±0.02%/°C (0 ~ 60°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 BS EN/EN61347-2-13 independent, BS EN/EN62384; GB19510.14, GB19510. 1;IP65 or IP67, EAC TP TC 004, AS/NZS IEC 61347.2.13:2013,AS/NZS 61347.1:2016;KC61347-1,KC61347-2-13(except for AB,Dx,D2-type), J61347-1(H29), J61347-2-13(H29)(for Blank/A-type) approved
	Tensión soportada Withstand voltage	I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-FG:1.5KVAC
	Resistencia al aislamiento Isolation resistance	I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C/ 70% RH
	Emisión EMC EMC emission	Compliance to BS EN/EN55015, BS EN/EN61000-3-2 Class C (@ load≥50%) ;BS EN/EN61000-3-3;GB17743, GB17743, GB17625.1, EAC TP TC 020;KC KN15,KN61547(except for AB,Dx,D2-type),J55015(H29)(for Blank/A-type)
	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-Earth 4KV, Line-Line 2KV), EAC TP TC 020;KC KN15,KN61547(except for AB,Dx,D2-type),J55015(H29)(for Blank/A-type)

