



Fuente de alimentación de tensión constante.
 Funciona desde 200 ~ 240VAC.

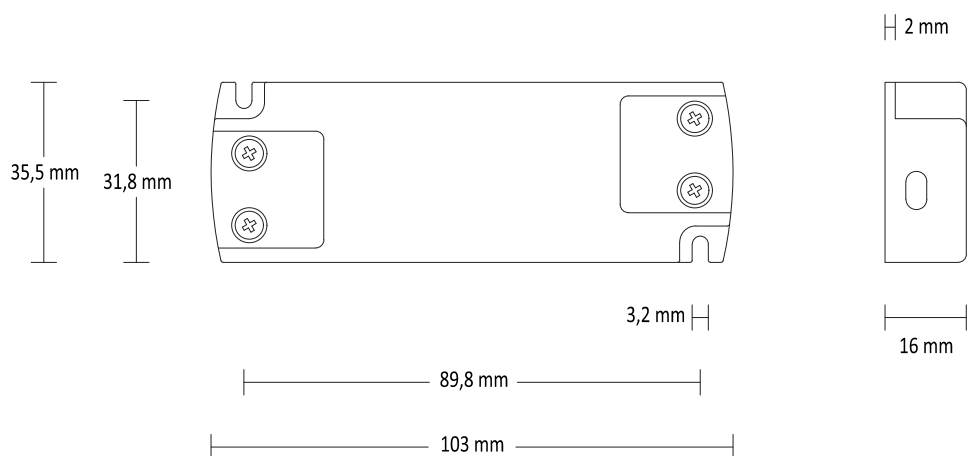
Constant coltage power supply.
Operates from from 200 ~ 240VAC.

12-24 V
 DC

IP20



• **Medidas / Dimensions**



• **Características / Characteristics**

ITEMS	CONDITIONS	REQUEST	FC20-12	FC20-24
INPUT	VOLTAGE	Ta	200-240V AC	200-240V AC
	FREQUENCY		50/60Hz	50/60Hz
	CURRENT	25°C, rated input voltage, output with max. rated power	< 0.23A	< 0.23A
	POWER		< 25W	< 25W
	EFFICIENCY		≥ 85%	≥ 85%
	STANDBY	25°C, rated input voltage, output without load	< 0.5W	< 0.5W
	INRUSH CURRENT	25°C, rated input voltage	< 60A	< 60A
	PF	25°C, rated input voltage, output max. rated power	≥ 0.5	≥ 0.5
OUTPUT	STARTUP TIME	25°C, rated input voltage, output with max. rated power	< 0.5S	< 0.5S
	VOLTAGE AND PRECISION	Ta, rated input voltage, output with rated power	12V ±0.5%	24V ± 5%
	CURRENT RANGE	Ta, rated input voltage	0-1.67A	0-0.833A
	VOLTAGE WAVE	25°C, rated input voltage, output with max. rated power	< 200mV	< 200mV
	OVERLOAD	25°C, rated input voltage, output with 2 times LED load		
	CURRENT AND PRECISION	Ta, rated input voltage, output with rated power		
	RATED VOLTAGE RANGE	Ta, rated input voltage		
	CURRENT WAVE	25°C, rated input voltage, output with max. rated power		
TEMPERATE	OPERATION TEMP.		-20-45°C	-20-45°C
	RELATIVE HUMIDITY.		45% - 85%	45% - 85%
	MAX. CASE TEMP.		80°C	80°C
	LIFETIME	Max. Ta, rated input voltage, output with max. rated power	30.000h	30.000h
	WORKING NOISE	25°C, rated input voltage, output with rated power, mute box background noise <35dB, pickup 10cm distance from products	Yes	Yes
MECHANICAL MOUNTING	CASE MATERIAL AND SIZE	Plastic case		
	MOUNTING WAYS	Independent		
	INSULATION TYPE	Class II		
	IP GRADE	IP20		
	INPUT CABLES DIMENSION	Terminal block H03VVH2-F 2x1mm ²		
	OUTPUT CABLES DIMENSION	Terminal block H03VVH2-F 2x1mm ²		
	OUTPUT CABLES LENGTH	max 2mm ²		
PROTECTION	OPEN CIRCUIT	Ta, rated input voltage, no load		
	OVER LOAD	Ta 0.94-1.06 times of input voltage 1.5 times of rated power	Yes	Yes
	SHORT CIRCUIT	Ta ,0.94-1.06 times of input voltage	Yes	Yes
	OVER TEMPERATURE	Ta ,0.94-1.06 times of input voltage, temperature detected pointed more than 115 degree		
	OVER VOLTAGE	Ta ,0.94-1.06 times of input voltage,output voltage is 1.5 times of rated one		
	AUTO RECOVERY	Over load, short circuit revocation	Yes	Yes
	LATCH OFF	Over voltage, over heat re-start after cut off		
STANDARD	SAFETY	IEC61347-1,IEC61347-2-13		
	HARMONIC	EN61000-3-2 Class C		
	EMI	IEC55015		
	EMS	EN61000-4-2,3,4,5,6	EN61547	

