

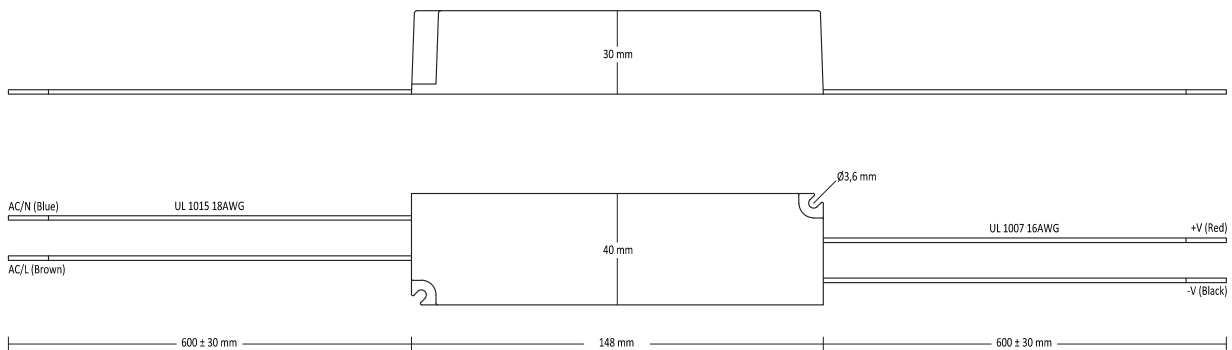


Fuente de alimentación de tensión constante.
 Funciona desde 90 ~ 264VAC.
 Consigue una alta eficiencia sin ventilador, hasta un 85% gracias a un diseño optimizado y es capaz de funcionar desde -30°C ~ +65°C.

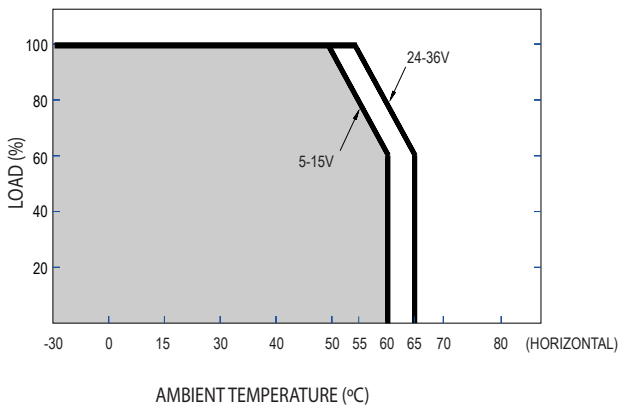
*Constant coltage power supply.
 Operates from from 90 ~ 264VAC.
 It achieves high efficiency without fan, up to 85% to an optimized design and is capable of operating from -30°C ~ +65°C.*



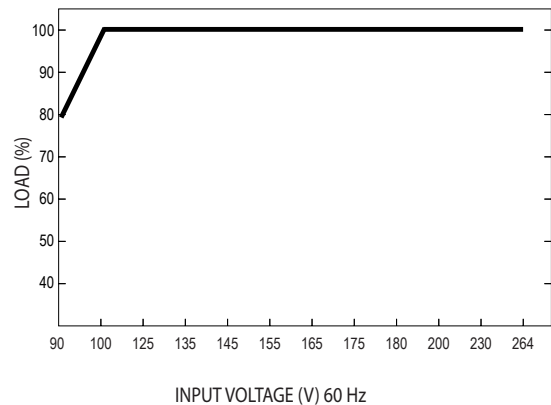
• **Medidas / Dimensions**



• **Curva de reducción / Derating curve**



• **Características estáticas / Static characteristics**



• Características / Characteristics

MODEL	FC35-12	FC35-24	
SALIDA	DC VOLTAGE	12V	24V
	RATED CURRENT	3A	1.5A
	CURRENT RANGE (7)	0 ~ 3A	0 ~ 1.5A
	RATED POWER	36W	36W
	RIPPLE & NOISE (max.) (2)	120mVp-p	150mVp-p
	VOLTAGE TOLERANCE (3)	±5.0%	
	LINE REGULATION	±1.0%	
	LOAD REGULATION	±2.0%	
	SETUP, RISE TIME (6)	500ms, 20ms / 230VAC	500ms, 20ms / 115VAC at full load
	HOLD UP TIME	50ms/230VAC	16ms/115VAC at full load
INPUT	VOLTAGE RANGE (4)	90 ~ 264VAC	127 ~ 370VDC
	FREQUENCY RANGE	47 ~ 63Hz	
	EFFICIENCY	84%	85%
	AC CURRENT	1.1A/115VAC	0.7A/230VAC
	INRUSH CURRENT	COLD START 55A (twidth=510µs measured at 50% Ipeak) at 230VAC	
	LEAKAGE CURRENT	0.25mA / 240VCA	
	PROTECTION	OVERLOAD	110 ~ 150% rated output power Protection type: Hiccup mode, recovers automatically after fault condition is removed
OVER VOLTAGE		13.8 ~ 16.2V	27.6 ~ 32.4V Protection type: Shut down o/p voltage, re-power on to recover
ENVIRONMENT	WORKING TEMP.	-30 ~ +65°C	
	WORKING HUMIDITY	20 ~ 90% RH non-condensing	
	STORAGE TEMP., HUMIDITY	-40 ~ +80°C, 10 ~ 95% RH	
	TEMP. COEFFICIENT	± 0.03%/°C (0 ~ 50°C)	
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes	
SAFETY & EMC	SAFETY STANDARDS	IP67; design according TUV EN60950-1	
	WITHSTAND VOLTAGE	I/P-O/P: 3KVAC	
	ISOLATION RESISTANCE	I/P-O/P: 100M Ohms / 500VDC / 25°C / 70% RH	
	EMC EMISSION	Compliance to EN55022 (CISPR22) Class B, EN61000-3-2 Class A, EN61000-3-3	
	EMC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11, EN55024, light industry level, criteria A	
OTHERS	MTBF	743.5Khrs min. MIL-HDBK-217F (25°C)	
	DIMENSION	148*40*30mm (L*W*H)	
	PACKING	0.34Kg; 40pcs/14.6Kg/0.63CUFT	

NOTE

1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.
2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1µf & 47µf parallel capacitor.
3. Tolerance: includes set up tolerance, line regulation and load regulation.
4. Derating may be needed under low input voltage. Please check the static characteristics for more details.
5. The power supply is considered as a component that will be operated in combination with final equipment. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again.
6. Length of set up time is measured at first cold start. Turning ON/OFF the power supply may lead to increase of the set up time.
7. The unit might not be suitable for toghting applications in EU countries. Please check with your local authorities for the possible use of the unit.
8. Suitable for indoor use or outdoor use without direct sunlight exposure. Please avoid immerse in the water over 30 minute.