

UP0201C-() () SERIES

23 Watt AC/DC Open Frame

- Universal Input 90 to 264 VAC
- Conductive EMI Meets FCC/CISPR 22 Class B
- Continuous Short Circuit Protection
- Designed to Meets UL,CSA,TUV Safety Standards

SPECIFICATIONS

All specifications are typical at nominal line, full load and 25°C unless otherwise noted.

Input Voltage Range 90-264VAC
Input Frequency 47-63 Hz
Inrush Current 30A max.(Cold Start)

GENERAL SPECIFICATIONS

Hold-up Time 10mS
Leakage Current 3mA
Short Circuit Protection Continuous
Continuous Output Power 23W max.
Hi-pot Isolation: Input / Output 4242 VDC

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature Range 0°C to 70°C
Derating 50°C to 70°C 2%/°C
Temperature Coefficient ±0.02%/°C
Storage Temperature Range -40°C to +85°C
Humidity, Non-Condensing 0 to 95% RH
Cooling Free- Air Convection
EMI Filter(on Board):
Conducted Meets FCC/CISPR 22 Class B Specification

INPUT SPECIFICATIONS

OUTPUT SPECIFICATIONS

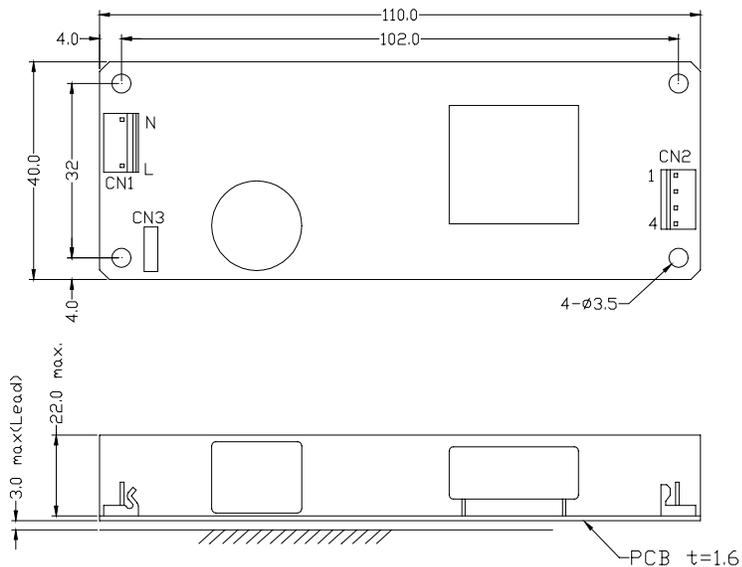
Model Number	Output Voltage (Volts)	OVP	Output Current (Amps)		Efficiency (typ.)	Ripple ¹ P-P (mV)	Total Regulation ²	Max Power (W)
			Min.	Rated				
UP0201C-03	3.3		0	4.55	65%	50	±3%	15
UP0201C-05	5		0	3	68%	50	±3%	15
UP0201C-09	9		0	2	70%	90	±3%	18
UP0201C-12	12		0	1.7	70%	120	±3%	20
UP0201C-15	15		0	1.5	70%	150	±3%	23
UP0201C-18	18		0	1.25	70%	180	±2%	23
UP0201C-24	24		0	0.95	70%	240	±2%	23

NOTES:

1. Add a 0.1uF ceramic capacitor and a 10uF E.L. capacitor to the output connector. Peak to peak and RMS metering equipment shall have a 20 MHz response with probes and cables maintaining frequency response from 200 Hz to 100MHz bandwidth. Output ripple and spikes are measured directly at the output terminals of the power supply without the use of the probe ground clip.
2. Total regulation is defined as the static output regulation at 25°C, including initial tolerance, line voltage within stated limits.

PHYSICAL SPECIFICATIONS

Weight: 75g



CN1 input connector Molex 09-65-2038 with second pin removed	
Pin	Input voltage
L&N	90-264 VAC

CN2 output connector Molex 22-23-2041	
Model	
Pin	UP0201C-XX
1	Vo
2	Vo
3	Common
4	Common

CN3 input ground tab, tab size 4.8*0.5(mm)
With receptacle for 4.8*0.5(mm) tab

NOTE:

1. All dimensions in mm.
2. Tolerance ±1 mm.