

# AC-DC ENCAPSULATED POWER SUPPLY

## UNIVERSAL INPUT, UP TO 5 WATTS

UNREGULATED, SINGLE OUTPUT  
UIS3, UIS5 Series



### FEATURES

- Universal Input: 85-277Vac
- Internal Input Filter
- Energy Saving
- High Efficiency: 75%
- Very Low Standby Power Consumption
- Fully Encapsulated Package
- Dimensions: 1.25" × 1.05" × 0.86"  
(31.7 × 26.7 × 21.8mm)
- Protection: Short Circuit, Open circuit, Over Temperature and Over Current
- Built to Meet: UL 60950, EN 60950, EN 60335, EN 61558-2-17

### SELECTION GUIDE

All specifications are typical at 230Vac input, full load and 25°C, unless otherwise noted.

DC Volts	Output Current DC mA	Output Power W	Ta °C	Efficiency %	Model Number
9	360	3.2	73	70	UIS3-9S-MR
12	270	3.2	73	70	UIS3-12S-MR
24	130	3.2	80	70	UIS3-24S-MR
9	560	5	73	50	UIS5-9S-MR
12	420	5	75	50	UIS5-12S-MR
24	210	5	80	50	UIS5-24S-MR

### Input Specifications

Voltage range	85-277Vac
	47-440Hz
	127-420Vdc
Input frequency, Hz	50/50
Input power, W	(Vmains=220Vac P=100%) < or = 4.2

### Output Specifications

Output voltage accuracy, %	±5
Line regulation, %	±3
Load regulation, %	0-30

### Physical Specifications

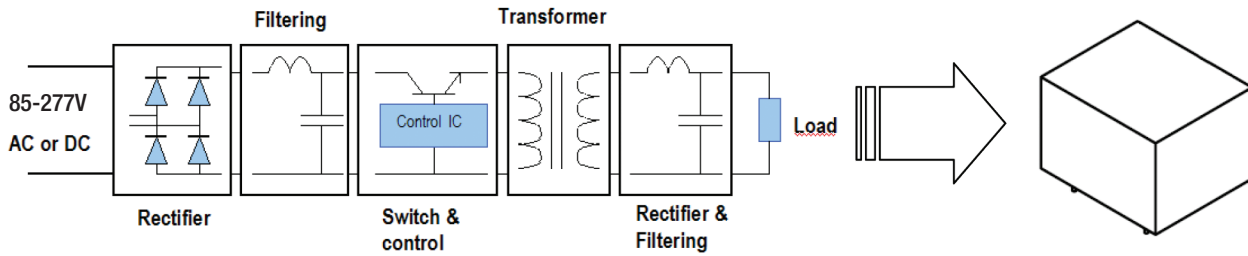
Dimensions, inches (mm)	1.37 × 1.0 × 0.7 (35.0 × 25.4 × 17.8)
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### EMC Specifications

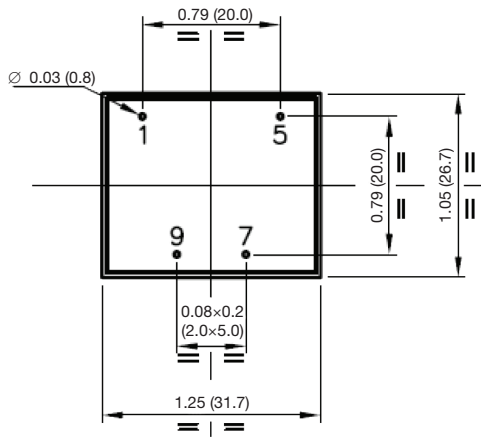
EMC standards	EN 55014-1	
	EN 55022	Class B
	EN 55014-2	
	EN 61000-4-x	

**UIS5/MR SERIES**

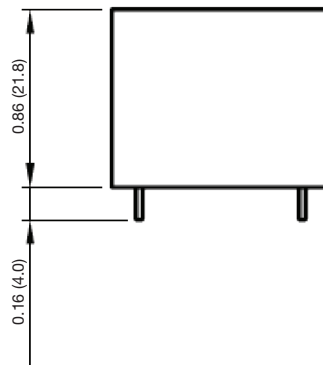
**Filter**



**Mechanical Drawing**



BOTTOM VIEW



**PIN CONNECTION**

PIN	DEFINE
1	AC or DC Input
5	AC or DC Input
7	DC Output +V
9	DC Output 0V

1. All dimensions in inches (mm)
2. All tolerances are  $\pm 0.50$