

Open Frame Switching Power Supply

25 ~ 40 Watts

UP0303S Series - Triple Output

FEATURES

Universal Input 90 to 264 VAC
Small Size
EMI Meets FCC/CISPR 22 Class B

SPECIFICATIONS

All Specifications are Typical at Nominal Line,
Full Load and 25°C Unless Otherwise Noted.

Input Voltage	90~264VAC
Input Frequency	47~63Hz
Inrush Current	30A Max. (Cold Start)
Hold Up Time	16mS typ.
Efficiency	70%
Leakage Current	3mA Max.
Short Circuit Protection	Continuous
Overvoltage Protection	5VDC output only
Withstand voltage: Input / Output	4242VDC
Operating Temperature	0°C ~ 70°C
Derating 50°C to 70°C	2%/°C
Temperature Coefficient	± 0.02%/°
Storage Temperature	-40 ~ 85
Humidity, Non-Condensing	0% ~ 95%RH
Dimension	91.1 X 62.99 X 28.6 mm
Cooling	Free-Air Convection
Safety	CE, CB, TUV, UL, CSA
EMI	Meets FCC/CISPR 22 Class "B" Specification

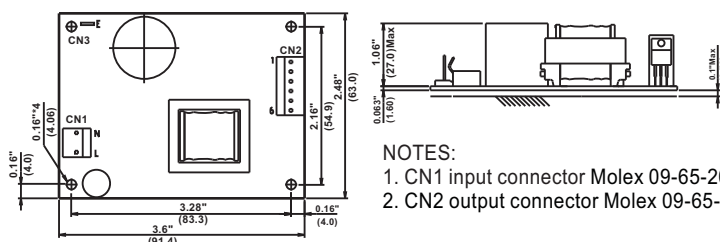


MODEL LIST



Model Number	Output Voltage (Volts)	Output Current (A)			Ripple p-p (mv)	Total Reg.
		Min.	Rated	Max.		
UP0303S-01	+5 (V1)	0	2.0	3.0	50	± 3%
	+12 (V2)	0	1.0	1.5	120	± 5%
	-12 (V3)	0	0.2	0.5	120	± 5%
UP0303S-02	+5 (V1)	0	2.0	3.0	50	± 3%
	+12 (V2)	0	1.0	1.5	120	± 5%
	-5 (V3)	0	0.2	0.5	50	± 5%
UP0303S-03	+5 (V1)	0	2.0	3.0	50	± 3%
	+24 (V2)	0	0.5	1.0	240	± 5%
	-12 (V3)	0	0.2	0.3	120	± 5%

Mechanical Drawing: (mm)



NOTES:

1. CN1 input connector Molex 09-65-2038.
2. CN2 output connector Molex 09-65-2068.

UP0401S Series - Single & Dual Output

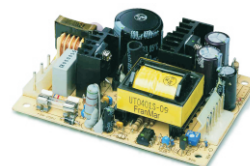
FEATURES

Universal Input 90 to 264 VAC
Small Size
EMI Meets FCC/CISPR 22 Class B

SPECIFICATIONS

All Specifications are Typical at Nominal Line,
Full Load and 25°C Unless Otherwise Noted.

Input Voltage	90~264VAC
Input Frequency	47~63Hz
Inrush Current	40A Max. (Cold Start)
Line regulation	± 1%
Hold Up Time	16mS typ.
Efficiency	70%
Leakage Current	3mA Max.
Short Circuit Protection	Continuous
Withstand voltage: Input / Output	4242VDC
Operating Temperature	0°C ~ 70°C
Derating 50°C to 70°C	2%/°C
Temperature Coefficient	± 0.02%/°C
Storage Temperature	-40°C ~ +85°C
Humidity, Non-Condensing	0% ~ 95%RH
Dimension	101.6 X 76.2 X 28.6 mm
Cooling	Free-Air Convection
Safety	UL, TUV, CSA
EMI	Meets FCC/CISPR 22 Class "B" Specification

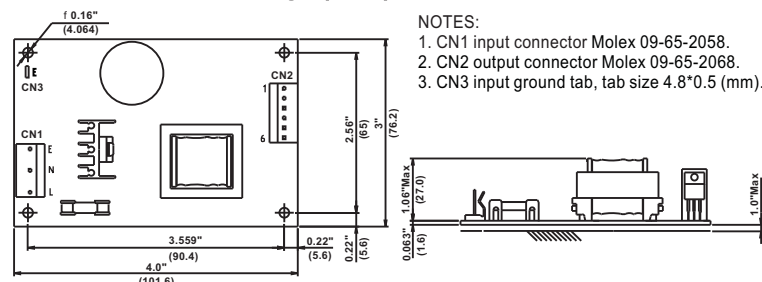


MODEL LIST



Model Number	Output Voltage (Volts)	Output Current (A)		Peak (Amps)	Max. Output Power (W)	Ripple p-p (mv)	Total Reg.
		Min.	Max.				
UP0401S-05	5	0	7.0	9.00	35	100	± 1%
UP0401S-09	9	0	4.4	5.00	40	100	± 1%
UP0401S-12	12	0	3.3	3.75	40	120	± 1%
UP0401S-15	15	0	2.6	3.00	40	150	± 1%
UP0401S-18	18	0	2.2	2.50	40	180	± 1%
UP0401S-24	24	0	1.6	1.88	40	240	± 1%
UP0402S-01	5	0	5.0		40	100	± 4%
	12	0	3.0		40	120	
UP0402S-02	5	0	5.0		40	100	± 4%
	24	0	1.5		40	240	

Mechanical Drawing: (mm)



NOTES:

1. CN1 input connector Molex 09-65-2058.
2. CN2 output connector Molex 09-65-2068.
3. CN3 input ground tab, tab size 4.8*0.5 (mm).