# 60 Watt Single Output AC-DC Miniature Encapsulated Type Module

## FEATURES

- No load power comsumption < 0.1W
- Miniature size, high power density
- Universal AC input / Full range
- Protection: Short circuit / OLP / OVP
- Cooling by free air convection
- Isolation Class II
- Comply with EN55032 class B w/o any additional components
- Fully isolated plastic case
- Withstand 5G vibration test
- Low cost, high relibility, pass LPS (except 5V)
- 3 years warranty

## SPECIFICATIONS

Input Voltage..... 85～264VAC
Inrush current (max.)..... cold start, 30A@115VAC, 60A@230VAC
Overload protection.....115%~160%
Over voltage protection..... 105%~135% rated output voltage
Setup, rise, hold up time.....1000ms, 30ms, 50ms @230VAC
Leakage current ..... Less than 0.25ms @240VAC
Withstand voltage..... I/P-O/P: 3kVDC;
Operating Temperature ..... -30℃ to +70℃
Safety Standard meets.....UL62386-1; EN62386-1
EMC Standard..... EN55032 Class B, EN61000-3-2,3,
EN61000-4-2, 3, 4, 5, 6, 8, 11
Connection ..... 4 industrial pins
Dimension (LxWxH) .....(PCB) : 87.0 x 52.0 x 29.5 mm
Dimension (LxWxH) .....(Screw) : 109.0 x 52.0 x 33.5 mm

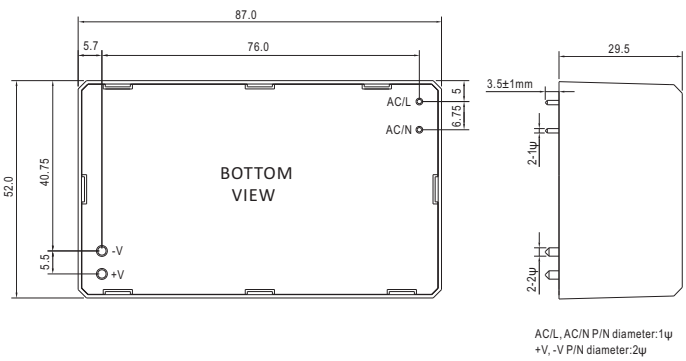
| Model Number | Output Voltage (VDC) | Output Current (A) | Voltage Tolerance | R & N | EFF. % |
|---|---|---|---|---|---|
| xxM060-S05-P/T | 5 | 0～10.0 | ±2.5% | 80mV | 84 |
| xxM060-S12-P/T | 12 | 0～5.00 | ±2.5% | 120mV | 87.5 |
| xxM060-S15-P/T | 15 | 0～4.00 | ±2.5% | 120mV | 89 |
| xxM060-S24-P/T | 24 | 0～2.50 | ±2.5% | 150mV | 90 |
| xxM060-S48-P/T | 48 | 0～1.25 | ±2.5% | 240mV | 91 |

Remark: P = PCB Mounting Style T = Screw Terminal Style

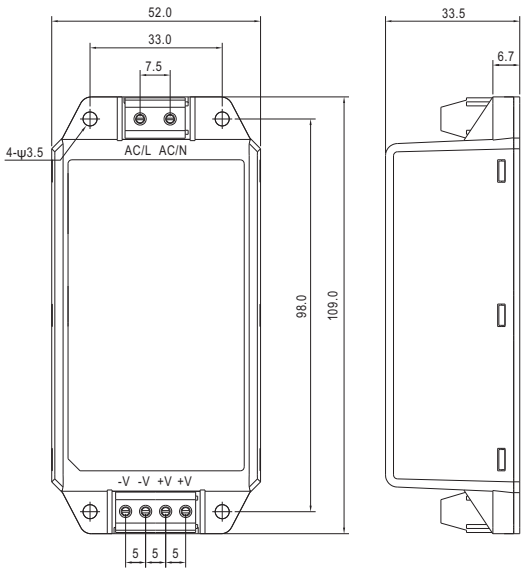
1-5 pcs Samples
500pcs Moq (Min Order Quantity)

## MECHANICAL DRAWING (Unit: mm)

• PCB Mounting Type




• Screw Terminal Type

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