



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



### FEATURES

- ◆ No load power consumption < 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 reliability, 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°C to +70°C  
 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

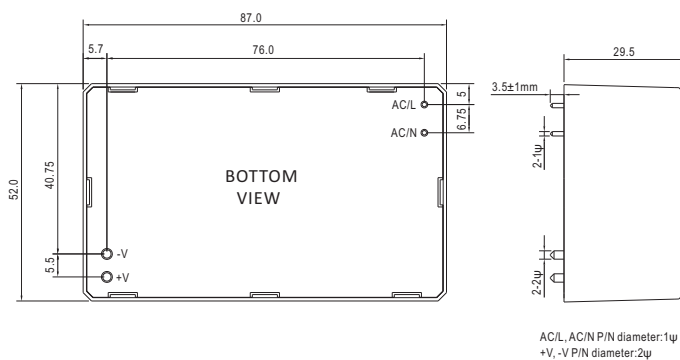
Model Number	Output Voltage (VDC)	Output Current (A)	Voltage Tolerance	R & N	EFF. %
xxM045-S05-P/T	5	0~8.00	± 2.5%	80mV	83.5
xxM045-S12-P/T	12	0~3.80	± 2.5%	150mV	87.5
xxM045-S15-P/T	15	0~3.00	± 2.5%	180mV	88.5
xxM045-S24-P/T	24	0~1.90	± 2.5%	200mV	89.5
xxM045-S48-P/T	48	0~0.94	± 2.5%	300mV	90.5

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

