

45 Watt Single Output AC-DC Miniature Encapsulated Type Module



FEATURES

- ◆ No load power consumption < 0.25W
- ◆ 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~ 305VAC
 Inrush current (Typ.) 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 0.25mA @277VAC
 Withstand voltage I/P-O/P: 4KVAC
 Operating Temperature -30°C to +70°C
 Safety Standard meets UL62368-1 ; CE
 EMC Standard EN55032 Class B, EN61000-3-2,3,
 EN55035, EN61000-6-2, EN61000-4-2, 3, 4, 5, 6, 8, 11
 Connection 4 industrial pins
 Dimension (L x W x H) (PCB) : 87.0 x 52.0 x 29.5 mm
 Dimension (L x W x H) (Screw) : 109.0 x 52.0 x 33.5 mm

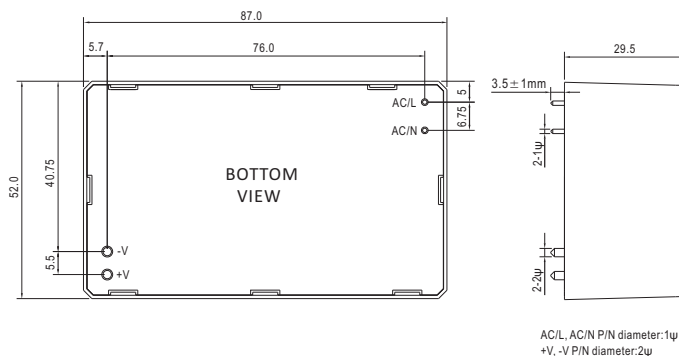
Model Number	Output Voltage (VDC)	Output Current (A)	Voltage Tolerance	R & N	EFF. %
FMM045-S05-P/T	5	0~8.00	± 2.5 %	80mV	83.5
FMM045-S12-P/T	12	0~3.80	± 2.5 %	150mV	87.5
FMM045-S15-P/T	15	0~3.00	± 2.5 %	180mV	88.5
FMM045-S24-P/T	24	0~1.90	± 2.5 %	200mV	89.5
FMM045-S48-P/T	48	0~0.94	± 2.5 %	300mV	90.5

Remark: P = PCB mounting style

T = Screw terminal style

MECHANICAL DRAWING (Unit: mm)

• PCB Mounting Type



• Screw Terminal Type

