

30 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
- ◆ 3 years warranty

SPECIFICATIONS

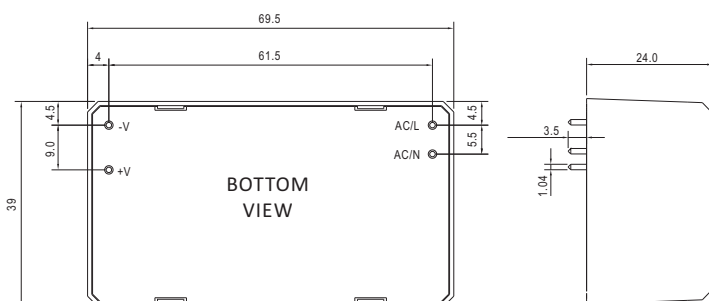
Input Voltage	85~ 305VAC
Inrush current (Typ.)	cold start, 25A@115VAC, 45A@230VAC
Overload protection	105%~160%
Over voltage protection	105%~135% rated output voltage
Setup, rise, hold up time	1000ms, 30ms, 40ms @230VAC
Leakage current	Less than 0.25mA @277VAC
Withstand voltage	I/P-O/P: 4KVAC
Operating 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 (LxWxH)	(PCB) : 69.5 x 39.0 x 24.0 mm
Dimension (LxWxH)	(Screw) : 91.0 x 39.5 x 28.5 mm

Model Number	Output Voltage (VDC)	Output Current (A)	Voltage Tolerance	R & N	EFF. %
FMM030-S05-P/T	5	0~6.00	± 2.5 %	120mV	83
FMM030-S12-P/T	12	0~2.50	± 2.5 %	150mV	88
FMM030-S15-P/T	15	0~2.00	± 2.5 %	200mV	88
FMM030-S24-P/T	24	0~1.30	± 2.5 %	240mV	88.5
FMM030-S48-P/T	48	0~0.63	± 2.5 %	300mV	90

Remark: P = PCB mounting style
T = Screw terminal style

MECHANICAL DRAWING (Unit: mm)

• PCB Mounting Type



• Screw Terminal Type

