PM-024S-2.5 SINGLE PHASE SWITCHING POWER SUPPLY 24VDC/2.5A/70W

Primus User Manual

- 24 VDC
- 2.5 A
- 70 W

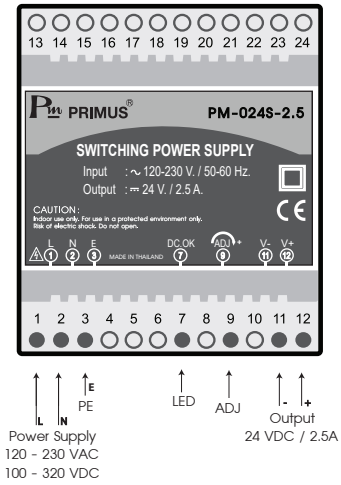
คุณสมบัติ

- แรงดันอินพุท 120-230VAC (Range 90-264VAC)/100-320VDC (1 Phase)
- เอาท์พุท 70 W (24 VDC , 2.5 A)
- มีระบบป้องกัน Short Circuit, Overload, Over temperature protection
- Isolation CLASS2, no grounding needed (No PE connector)
- มีขนาดเล็กกะทัดรัด
- ติดตั้งแบบ DIN RAIL
- เหมาะสำหรับงานที่ต้องการระบบ SELV และ PELV
  - SELV = Safety Extra Low Voltage
  - PELV = Protective Extra Low Voltage

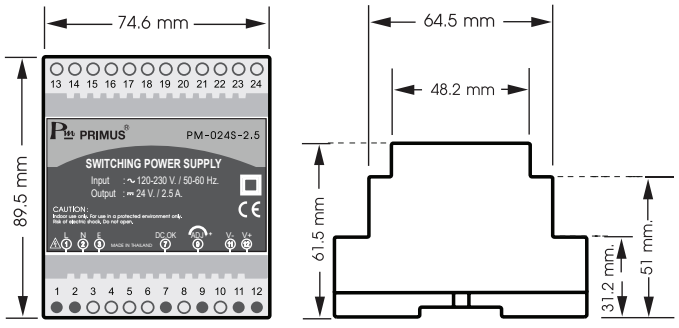
ข้อมูลทางเทคนิค

INPUT TECHNICAL DATA		
Input Rated Voltage		120-230 VAC (Range 90-264VAC) /100-320 VDC (1 Phase)
Frequency		45-60 Hz
Current @Nominal Iout (Uin 120 /230 VAC)		1.25A / 0.8A ±10%
Power Factor (p.f.)		> 0.60
Internal Protection Fuse		2 A Not Replaceable
External Protection on AC Line		Circuit Breaker : 4 A C Characteristic - Fuse : 3.15 A
OUTPUT TECHNICAL DATA		
Output Rated Voltage		24 VAC ±1%
Output Adjustable Range		24...27.5VDC
Continuous Current		2.5 A @55 ˚C
Overload Limit		4A
Load Regulation		< 1%
Ripple @ Nominal Ratings		≤ 60 mVpp
Hold up Time @ in (Uin 120/230VAC)		>15ms / >30 ms
Overload / Short Circuit Protections		Pick-Up at The Overload Limit With Auto Reset / Over Temperture Protection
Status display		"DC OK" Green LED
Parallel Connection		Possible
Redundant Parallel Connection		Possible With External Oring Diode
GENERAL TECHNICAL DATA		
Efficiency (Uin 120 / 230 VAC)		>87% / >89%
Power Consumption (Uin 120 / 230 Vac)		10.4 VA / 8.6 VA
Input/Output Isolation		3 KVac / 60 s SELV Output
Input/Ground Isolation		Class 2 Without PE Connection
Output/Ground Isolation		Class 2 Without PE Connection
Ambient Operation	Temperature	-20 ˚C to 60 ˚C, with Derating 45 ˚C
	Humidity	Over Temperature Protection
Ambient Storage	Temperature	-20 ˚C to 80 ˚C
	Humidity	85 % RH Non-Condesing
Protection Degree		IP 20
Connection Terminal		2.5 mm^2 Fixed Screw Type
Installation		DIN RAIL Mounting
Housing Material		UL94V-0 Plastic Material
Size (mm.)		74.6 x 89 x 61.5
Weight		250 g

การต่อใช้งาน



ขนาดและมิติ



การสั่งซื้อ

PM-024S-2.5