

SWITCH MODE POWER SUPPLY

PS24-1A

APPLICATIONS

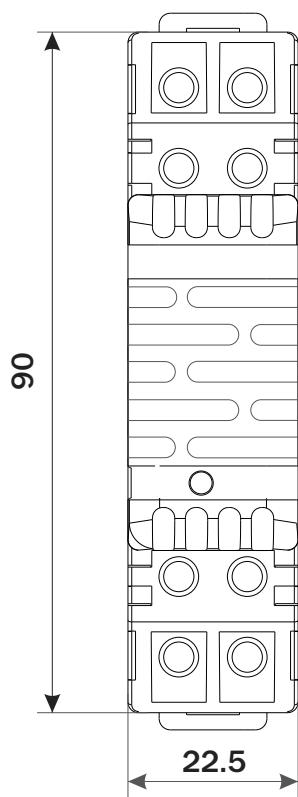
Robotics

Automation Panel

Elevators

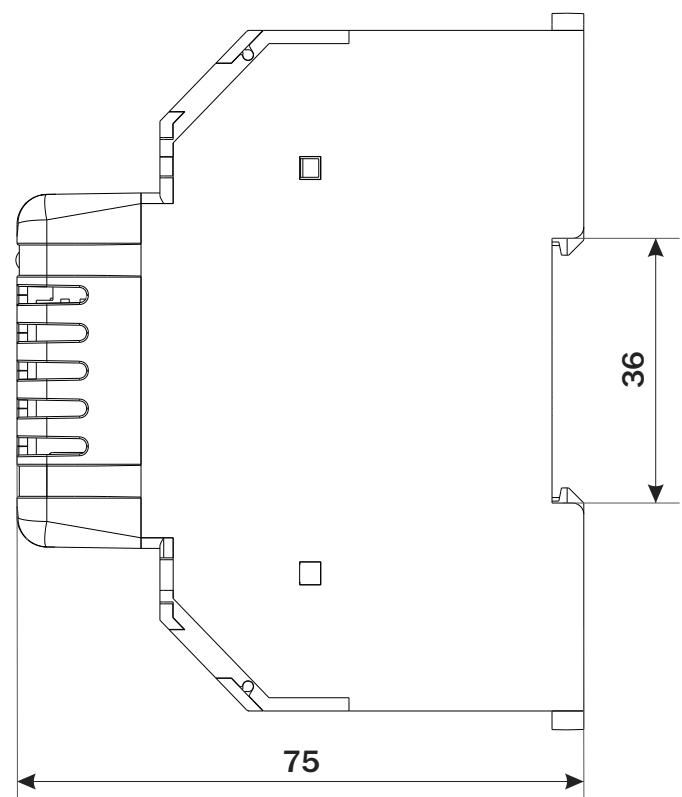
Special Purpose Machine

Mechanical Dimensions



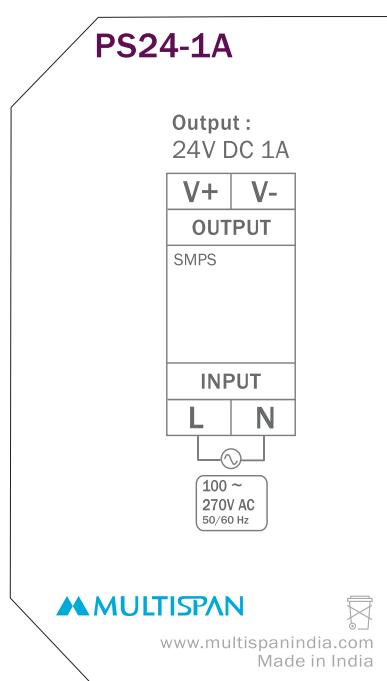
FRONT VIEW

All dimensions are in mm



RIGHT SIDE VIEW

Connection Diagram



Features	
<ul style="list-style-type: none"> • 24W rated power • Compact Size • LED Indicate For Power ON • Din Rail Mount 	
Protection Available	
► Overload, Output short circuit, Over Temperature	

Protection	
Input Fused	2A -250V AC Internal
Output Over Load	110% to 120% of rated Output Current protection Protection Type :Hiccup mode;recover automatically after fault condition is removed
Output Short Circuit	Hiccup mode when output is shorted; Recovers automatically after fault condition is removed.
Over Temperature	Power supply shuts down when the temperature goes above specified limit; Turns on automatically after temperature goes back to Normal operating conditions.
Isolation between Input & Output	2.5KV

Output Specification	
Output Voltage	24V DC
Output Current	1A at 24V
Ripple & noise	<1% of V out
Line Regulation	±1%
Load Regulation	±1%
Hold UP Time	<60ms at 230VAC & >15ms at 100VAC (Full Load)

Environmental	
Working Temperature	-25 °C to 50 °C * De-rate output power at 3w/°C above +50 °C Ambient
Storage Temperature	-40 °C to 85 °C
Relative Humidity	95% RH Non-condensing

LED Indication	
LED 1	Power On

Mechanical Characteristics	
Mounting Type	DIN Rail Mount
Dimension (HxWxD) mm	90 x 22.5 x 75
Material	Body
Terminal Screw Size	M3.5
Screw Torque (N.m)	0.5
Wire Gauge (AWG)	26-14
Weight (Approx) gms	Unpacked : 110 Packed : 130