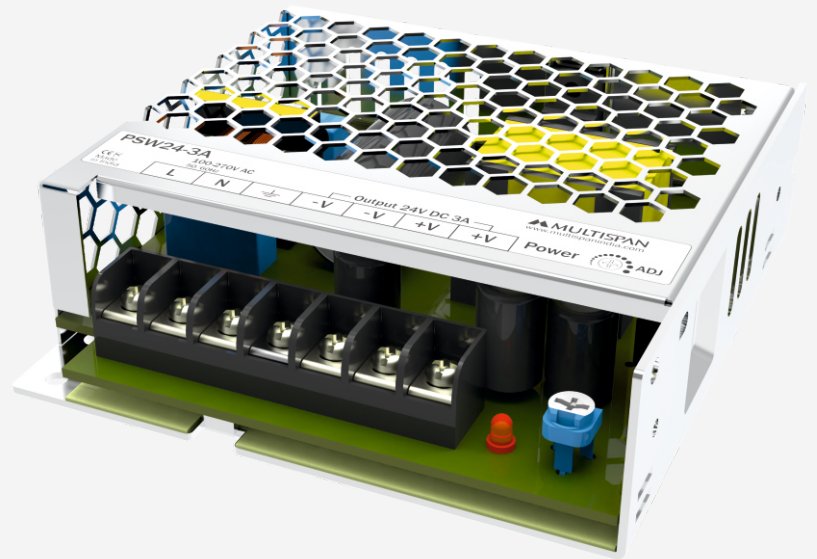




SWITCH MODE POWER SUPPLY

PSW24-3A

APPLICATIONS

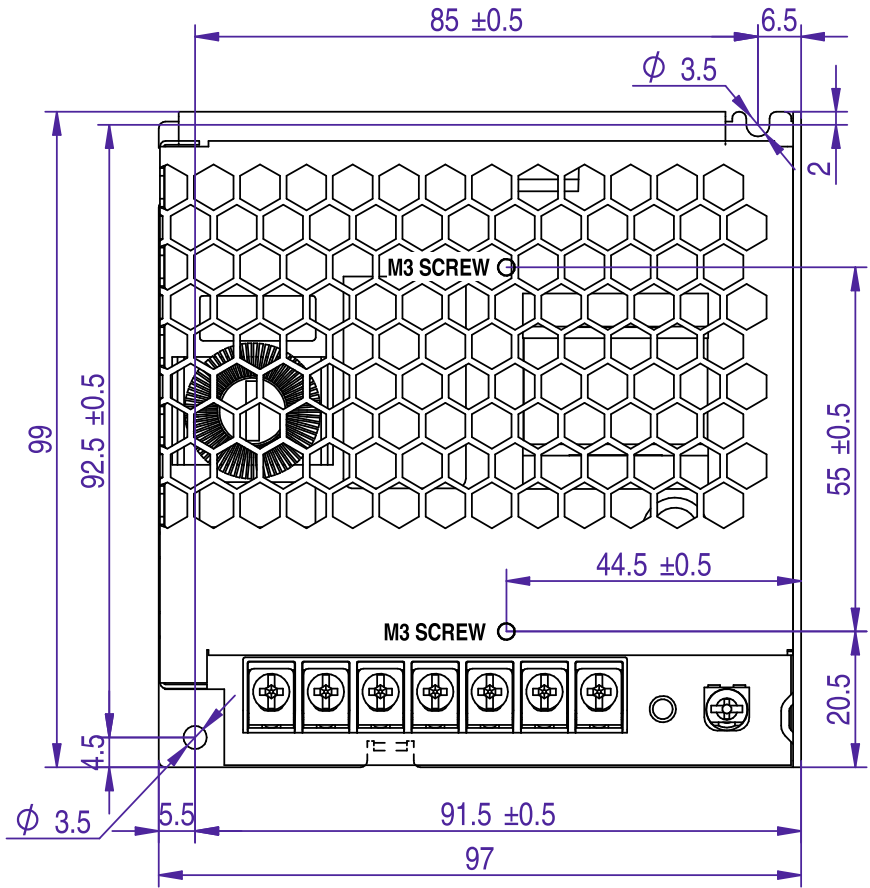
Robotics

Automation Panel

Elevators

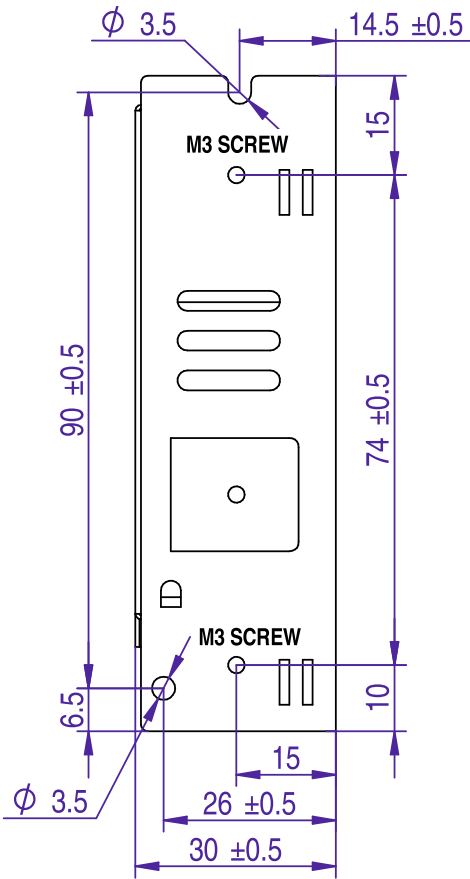
Special Purpose Machine

Mechanical Dimensions



FRONT VIEW

All dimensions are in mm



SIDE VIEW

Features

- 72W rated power
- Compact Size
- LED Indicate For Power ON
- Wall Mount
- Cooling by free air convection

Protection Available

- Overload, Over voltage, Output short circuit, Over Temperature

Input Specification

Supply Voltage	100 to 270V AC $\pm$ 10%,(L-N)
Frequency Range	50/60 Hz
AC Current (TYP.)	1.3A@100V AC 0.6A@270V AC
Efficiency (TYP.)	86%@230VAC
Start UP time	<1 sec@230VAC & <3 sec@100VAC (Full Load)

Output Specification

Output Voltage	24-28V DC
Output Current	3A at 24V; 2.57A at 28V
Ripple & noise	<1% of V out
Line Regulation	$\pm$ 1%
Load Regulation	$\pm$ 1%
Hold UP Time	<60ms at 230VAC & >15ms at 100VAC (Full Load)

LED Indication

LED 1	Power On
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Protection

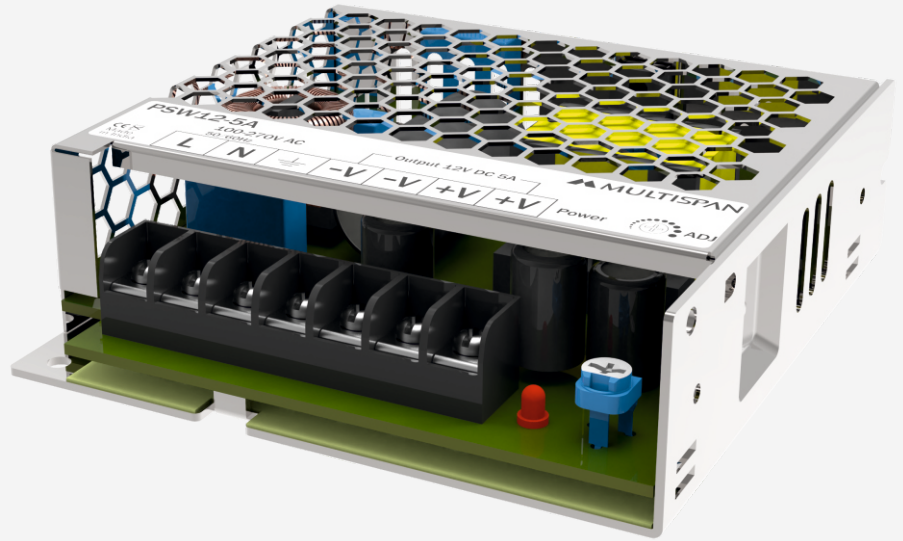
Input Fused	3.15A -250V AC Internal
Output Over Load	110% to 120% of rated Output Current protection Protection Type :Hiccup mode;recover automatically after fault condition is removed
Output Short Circuit	Hiccup mode when output is shorted; Recovers automatically after fault condition is removed.
Output Over Voltage	SMPS Latches off if output voltage Exceeds the specified output voltage Limits.
Over Temperature	SMPS Latches off if the transformer temperature exceeds 120°C

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

Mechanical Characteristics

Mounting Type	Wall Mount
Dimension (HxWxD) mm	99 x 97 x 30
Material	Body Aluminium
Terminal Screw Size	M3.5
Screw Torque (N.m)	0.5
Wire Gauge (AWG)	26-14



SWITCH MODE POWER SUPPLY

PSW12-5A

APPLICATIONS

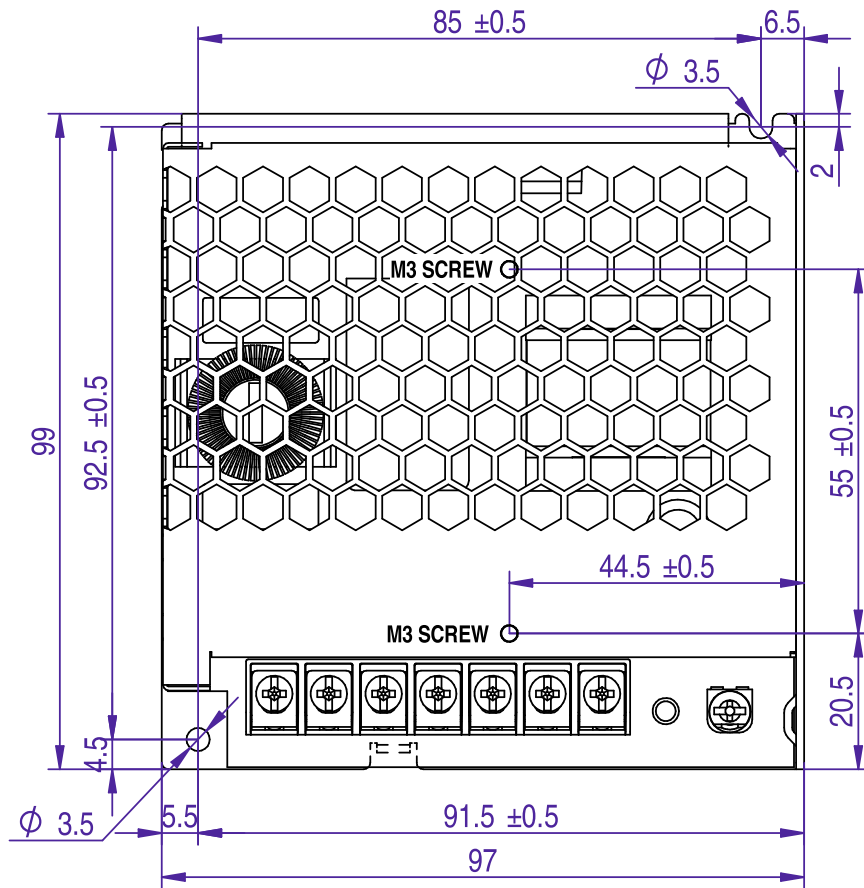
Robotics

Automation Panel

Elevators

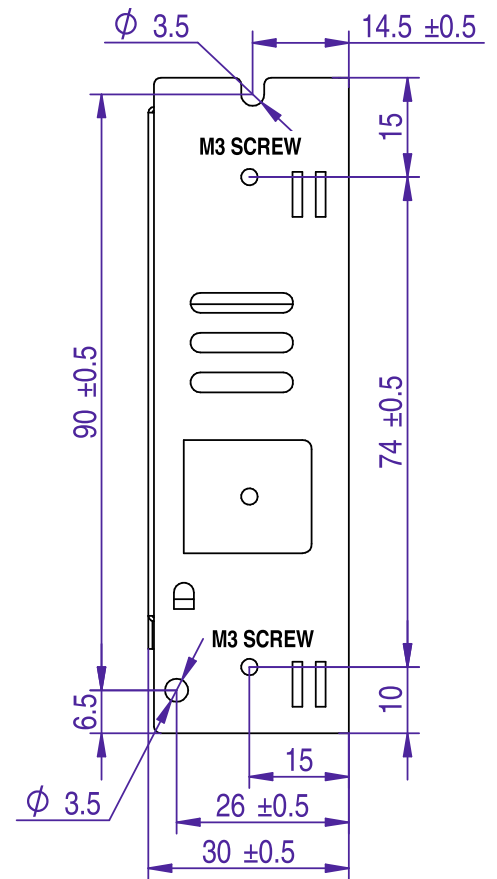
Special Purpose Machine

Mechanical Dimensions



FRONT VIEW

All dimensions are in mm



SIDE VIEW

Features

- 60W rated power
- Compact Size
- LED Indicate For Power ON
- Wall Mount
- Cooling by free air convection

Protection Available

- Overload, Over voltage, Output short circuit, Over Temperature

Input Specification

Supply Voltage	100 to 270V AC $\pm$ 10%,(L-N)
Frequency Range	50/60 Hz
AC Current (TYP.)	1A@100V AC 0.53A@270V AC
Efficiency (TYP.)	86%@230VAC
Start UP time	<1 sec@230VAC & <3 sec@100VAC (Full Load)

Output Specification

Output Voltage	12-14V DC
Output Current	5A at 12V; 4.28A at 14V
Ripple & noise	<1% of V out
Line Regulation	$\pm$ 1%
Load Regulation	$\pm$ 1%
Hold UP Time	<60ms at 230VAC & >15ms at 100VAC (Full Load)

LED Indication

LED 1	Power On
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Protection

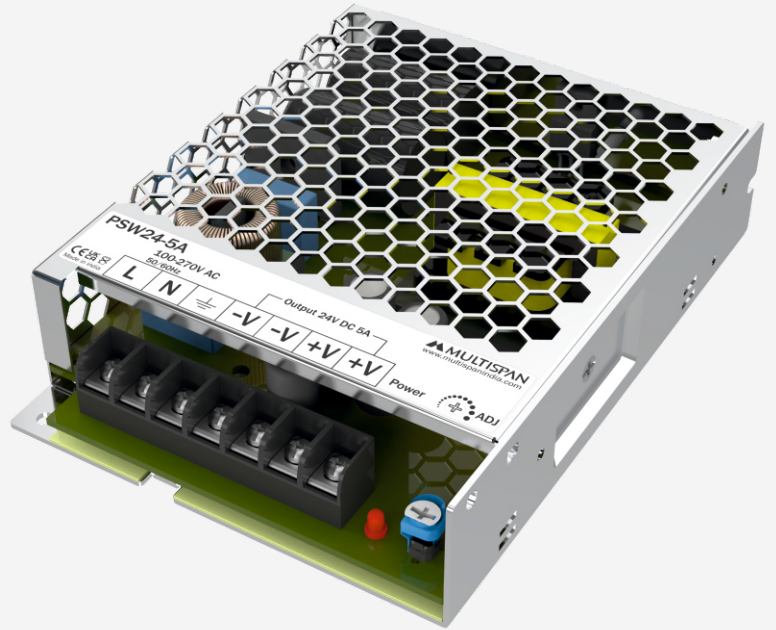
Input Fused	3.15A -250V AC Internal
Output Over Load	110% to 120% of rated Output Current protection Protection Type :Hiccup mode;recover automatically after fault condition is removed
Output Short Circuit	Hiccup mode when output is shorted; Recovers automatically after fault condition is removed.
Output Over Voltage	SMPS Latches off if output voltage Exceeds the specified output voltage Limits.
Over Temperature	SMPS Latches off if the transformer temperature exceeds 120°C

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

Mechanical Characteristics

Mounting Type	Wall Mount
Dimension (HxWxD) mm	99 x 97 x 30
Material	Body Aluminium
Terminal Screw Size	M3.5
Screw Torque (N.m)	0.5
Wire Gauge (AWG)	26-14



SWITCH MODE POWER SUPPLY

PSW24-5A

APPLICATIONS

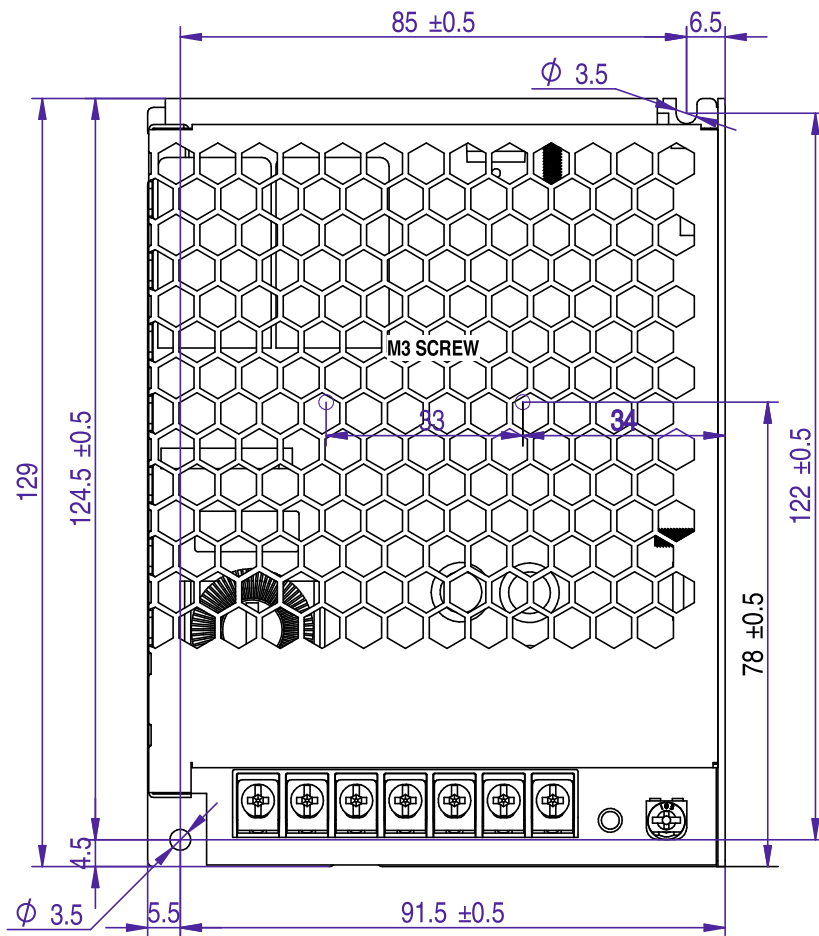
Robotics

Automation Panel

Elevators

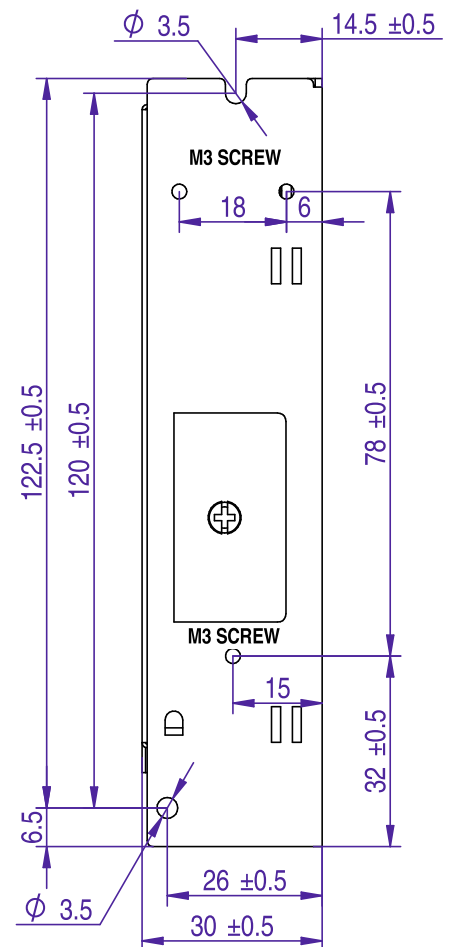
Special Purpose Machine

Mechanical Dimensions



FRONT VIEW

All dimensions are in mm



SIDE VIEW

Features

- 120W rated power
- Compact Size
- LED Indicate For Power ON
- Wall Mount
- Cooling by free air convection

Protection Available

- Overload, Over voltage, Output short circuit, Over Temperature

Input Specification

Supply Voltage	100 to 270V AC $\pm$ 10%,(L-N)
Frequency Range	50/60 Hz
AC Current (TYP.)	2.0A@100V AC 0.9A@270V AC
Efficiency (TYP.)	87%@230VAC
Start UP time	<1 sec@230VAC & <3 sec@100VAC (Full Load)

Output Specification

Output Voltage	24-28V DC
Output Current	5A at 24V; 4.29A at 28V
Ripple & noise	<1% of V out
Line Regulation	$\pm$ 1%
Load Regulation	$\pm$ 1%
Hold UP Time	<60ms at 230VAC & >15ms at 100VAC (Full Load)

LED Indication

LED 1	Power On
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Protection

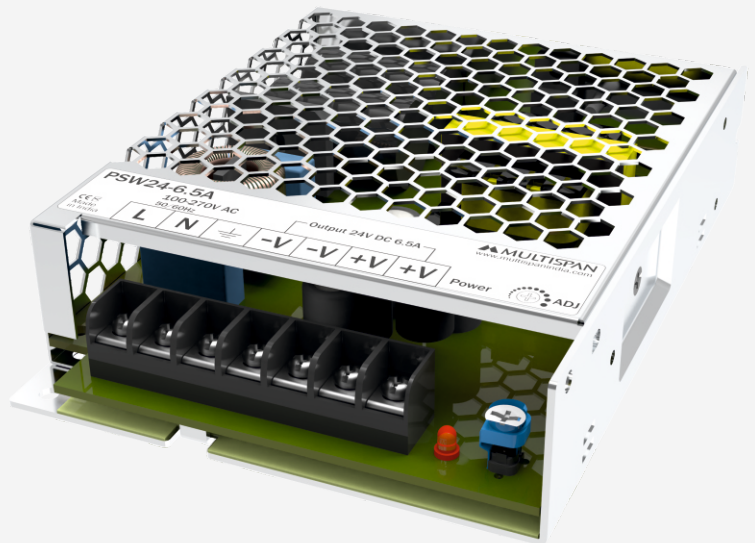
Input Fused	3.15A -250V AC Internal
Output Over Load	110% to 120% of rated Output Current protection Protection Type :Hiccup mode;recover automatically after fault condition is removed
Output Short Circuit	Hiccup mode when output is shorted; Recovers automatically after fault condition is removed.
Output Over Voltage	SMPS Latches off if output voltage Exceeds the specified output voltage Limits.
Over Temperature	SMPS Latches off if the transformer temperature exceeds 120°C

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

Mechanical Characteristics

Mounting Type	Wall Mount
Dimension (HxWxD) mm	129 x 97x 30
Material	Body Aluminium
Terminal Screw Size	M3.5
Screw Torque (N.m)	0.5
Wire Gauge (AWG)	26-14



SWITCH MODE POWER SUPPLY

PSW24-6.5A

APPLICATIONS

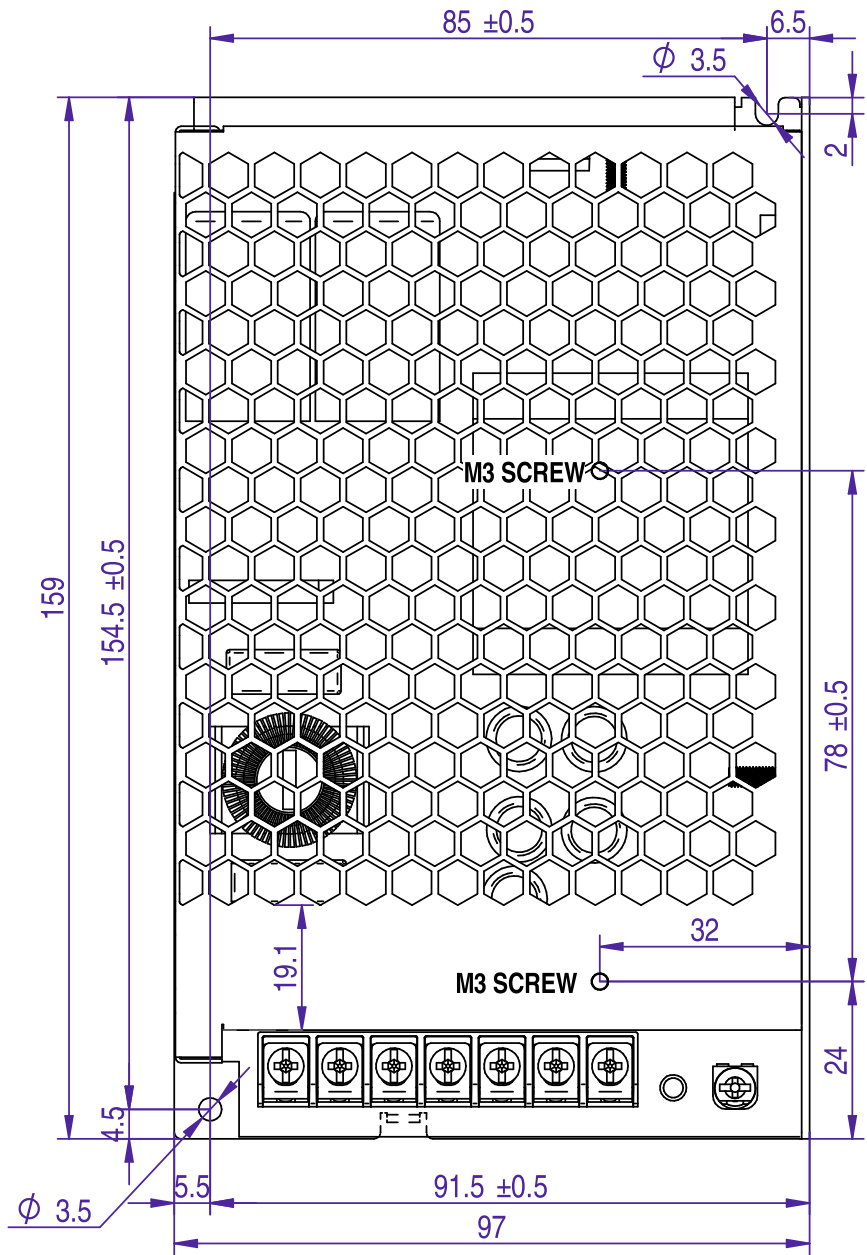
Robotics

Automation Panel

Elevators

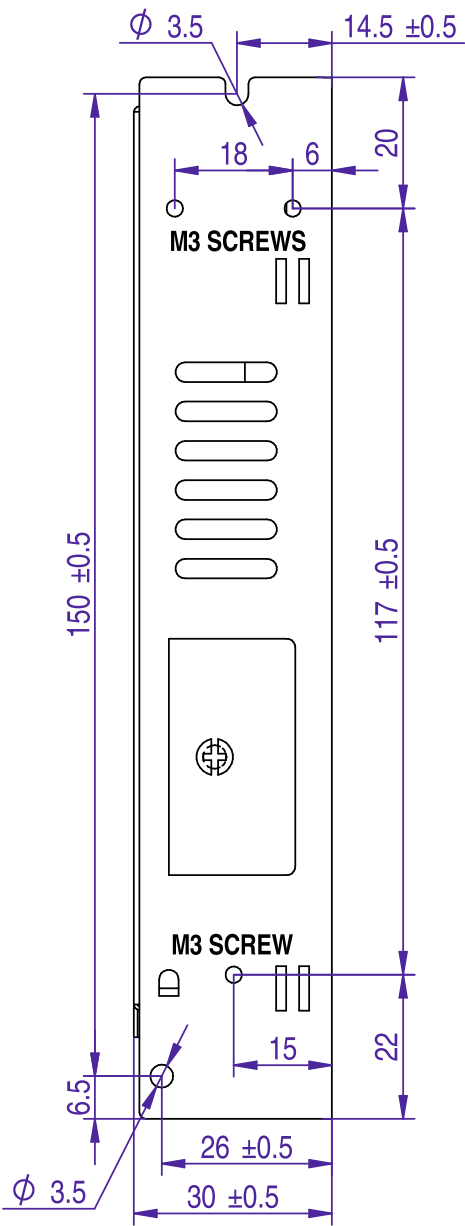
Special Purpose Machine

Mechanical Dimensions



FRONT VIEW

All dimensions are in mm



SIDE VIEW

Features

- 156W rated power
- Compact Size
- LED Indicate For Power ON
- Wall Mount
- Cooling by free air convection

Protection Available

- Overload, Over voltage, Output short circuit, Over Temperature

Input Specification

Supply Voltage	100 to 270V AC $\pm$ 10%,(L-N)
Frequency Range	50/60 Hz
AC Current (TYP.)	2.8A@100V AC 1.1A@270V AC
Efficiency (TYP.)	88%@230VAC
Start UP time	<1 sec@230VAC & <3 sec@100VAC (Full Load)

Output Specification

Output Voltage	24-28V DC
Output Current	6.5A at 24V; 5.57A at 28V
Ripple & noise	<1% of V out
Line Regulation	$\pm$ 1%
Load Regulation	$\pm$ 1%
Hold UP Time	<60ms at 230VAC & >15ms at 100VAC (Full Load)

LED Indication

LED 1	Power On
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Protection

Input Fused	5A -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.
Output Over Voltage	SMPS Latches off if output voltage Exceeds the specified output voltage Limits.
Over Temperature	SMPS Latches off if the transformer temperature exceeds 120°C

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

Mechanical Characteristics

Mounting Type	Wall Mount
Dimension (HxWxD) mm	159 x 97x 30
Material	Body Aluminium
Terminal Screw Size	M3.5
Screw Torque (N.m)	0.5
Wire Gauge (AWG)	26-14