Ambient Conditions

Temperature	-25 ... 70°C / -13 ... 158°F Derating above 40°C required
Humidity	max. 95% r.H. (non condensing)
Ingress Protection	IP20

Safety Instructions

Installation must be carried out by a qualified electrician in accordance with the applicable regulations.
This device is free of maintenance and must only be cleaned with a dry cloth.

V230525

LOXONE

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For additional information, declaration of conformity, visit **www.loxone.com/datasheets**

Power Supply 4.2A

Need Help?
loxone.com/support

Part No.: 100617

About the product

The Loxone Power Supply 4.2A offers an optimal size-to-performance ratio, allowing for space-saving integration. It provides a stable 24V DC output for Loxone systems and is mounted on a DIN rail. The integrated overload and short-circuit protection ensure reliable and safe operation.

Features

- Small form factor
- Voltage adjustable
- Overload & Short protection
- Silent operation

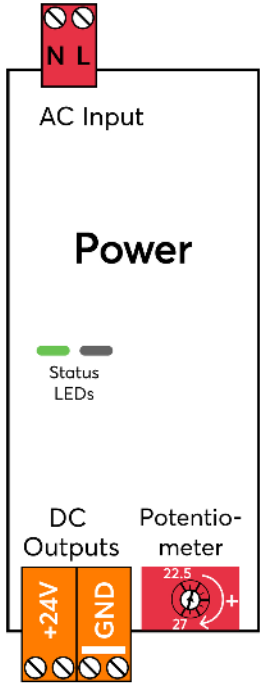
AC Input *

Nominal voltage	120 ... 240VAC, 50 ... 60Hz
Input current	0.95A
Inrush current	typ. 80A
Efficiency	typ. 93%
Power consumption no load	typ. 250mW
Power factor	typ. 0.55

DC Outputs *

Nominal voltage	22.5 ... 27VDC (+/- 7%)
Nominal current	4.2A @ 240VAC 2.5A @ 120VAC
Response to output short circuit	Automatic restarts

*Unless otherwise specified, all values refer to nominal conditions (AC 230V 50Hz input, DC 24V 4.2A output).



Signalling

- DC OK
- Internal Failure
- Overpower/Overload Protection

Connecting Terminals

AC Input

Wire cross-section	0.25 ... 2.5mm² / AWG30 ... 12
Stripping length	7mm / 0.28"
Torque of terminal blocks	0.5Nm / 0.37 lbf ft
Temperature resistance	-40 ... 115°C / -40 ... 239°F

DC Outputs

Wire cross-section	0.25 ... 2.5mm² / AWG28 ... 12
Stripping length	7mm / 0.28"
Torque of terminal blocks	0.5Nm / 0.37 lbf ft
Temperature resistance	-40 ... 120°C / -40 ... 248°F